

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133331.D
 Acq On : 10 May 2023 15:26
 Operator : CG\JU
 Sample : 02719-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04_0-2_20230509MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/11/2023
 Supervised By : Jagrut Upadhyay 05/11/2023

Quant Time: May 10 16:30:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	200436	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	808059	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	398071	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	665484	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	334651	20.000	ng	0.00
86) Perylene-d12	15.298	264	462458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1585222	119.472	ng	0.02
7) Phenol-d6	6.375	99	1888685	114.681	ng	0.00
23) Nitrobenzene-d5	7.293	82	1180765	78.873	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	384500	96.044	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1908956	80.229	ng	0.00
79) Terphenyl-d14	12.827	244	1660734	85.588	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.434	88	254313	41.322	ng	97
3) Pyridine	3.134	79	653846	40.000	ng	95
4) n-Nitrosodimethylamine	3.093	42	359904	42.508	ng	99
6) Aniline	6.387	93	588503	27.744	ng	# 17
8) 2-Chlorophenol	6.510	128	657094	48.775	ng	98
10) Phenol	6.387	94	763560	42.027	ng	74
11) bis(2-Chloroethyl)ether	6.463	93	625144	45.853	ng	97
12) 1,3-Dichlorobenzene	6.663	146	688376	48.061	ng	99
13) 1,4-Dichlorobenzene	6.740	146	700240	48.781	ng	100
14) 1,2-Dichlorobenzene	6.893	146	654403	49.448	ng	98
15) Benzyl Alcohol	6.875	79	534075	46.947	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	971902	41.043	ng	84
17) 2-Methylphenol	6.993	107	521466	42.272	ng	97
18) Hexachloroethane	7.234	117	237057	47.499	ng	95
19) n-Nitroso-di-n-propyla...	7.145	70	410606	40.048	ng	98
20) 3+4-Methylphenols	7.145	107	634957	43.707	ng	# 78
22) Acetophenone	7.140	105	864585	46.189	ng	96
24) Nitrobenzene	7.310	77	650548	42.884	ng	98
25) Isophorone	7.551	82	1202963	42.322	ng	99
26) 2-Nitrophenol	7.628	139	364196	49.774	ng	94
27) 2,4-Dimethylphenol	7.675	122	587232	46.804	ng	97
28) bis(2-Chloroethoxy)met...	7.763	93	728289	43.311	ng	98
29) 2,4-Dichlorophenol	7.875	162	521672	45.674	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	541868	45.794	ng	99
31) Naphthalene	8.034	128	1766711	43.730	ng	100
33) 4-Chloroaniline	8.081	127	372267	22.806	ng	98
34) Hexachlorobutadiene	8.151	225	297860	45.418	ng	98
35) Caprolactam	8.445	113	152557m	39.760	ng	
36) 4-Chloro-3-methylphenol	8.575	107	540031	43.845	ng	98
37) 2-Methylnaphthalene	8.722	142	1164538	42.162	ng	99
38) 1-Methylnaphthalene	8.822	142	1089063	42.148	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	480741	44.916	ng	98
41) Hexachlorocyclopentadiene	8.875	237	550090	88.127	ng	100
43) 2,4,6-Trichlorophenol	9.004	196	320270	43.269	ng	99
44) 2,4,5-Trichlorophenol	9.051	196	329559	38.498	ng	96
46) 1,1'-Biphenyl	9.187	154	1402855	44.443	ng	99

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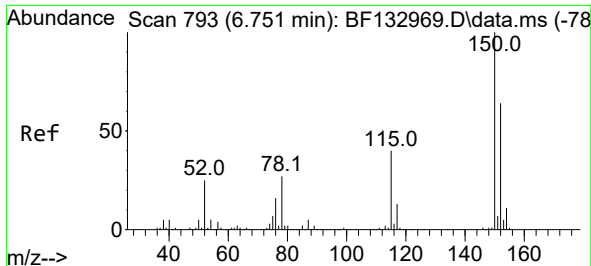
Quant Time: May 10 16:30:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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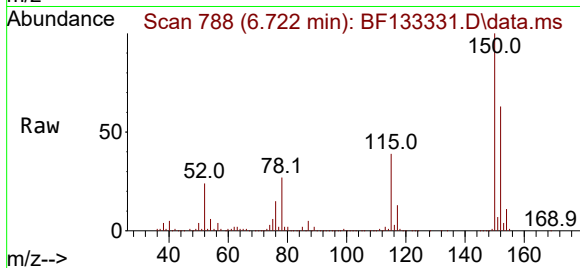
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.210	162	1068838	46.263	ng	99
48) 2-Nitroaniline	9.310	65	340731	44.624	ng	99
49) Acenaphthylene	9.622	152	1650176	44.701	ng	99
50) Dimethylphthalate	9.492	163	1217358	43.858	ng	99
51) 2,6-Dinitrotoluene	9.551	165	281308	45.029	ng	94
52) Acenaphthene	9.798	154	1033601m	41.804	ng	
53) 3-Nitroaniline	9.716	138	227711	30.655	ng	97
54) 2,4-Dinitrophenol	9.828	184	50561	16.101	ng	98
55) Dibenzofuran	9.969	168	1473663	43.694	ng	100
56) 4-Nitrophenol	9.892	139	365813	63.583	ng	90
57) 2,4-Dinitrotoluene	9.957	165	360020	45.188	ng	87
58) Fluorene	10.310	166	1078942	43.665	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	225748	34.016	ng	99
60) Diethylphthalate	10.186	149	1128934	43.060	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	515869	42.841	ng	100
62) 4-Nitroaniline	10.334	138	313404	45.905	ng	98
63) Azobenzene	10.463	77	1205572	43.407	ng	98
65) 4,6-Dinitro-2-methylph...	10.363	198	83058	20.591	ng	80
66) n-Nitrosodiphenylamine	10.422	169	981896	45.486	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	317479	43.987	ng	99
68) Hexachlorobenzene	10.857	284	339358	45.886	ng	92
69) Atrazine	10.951	200	312961	50.315	ng	97
70) Pentachlorophenol	11.051	266	181825	34.520	ng	98
71) Phenanthrene	11.269	178	1580829	44.197	ng	99
72) Anthracene	11.322	178	1582639	43.236	ng	99
73) Carbazole	11.475	167	1413689	43.373	ng	100
74) Di-n-butylphthalate	11.810	149	1635332	44.336	ng	99
75) Fluoranthene	12.457	202	1401000	39.028	ng	97
77) Benzidine	12.580	184	631673	111.620	ng	# 93
78) Pyrene	12.680	202	1400174	48.808	ng	99
80) Butylbenzylphthalate	13.304	149	547065	53.859	ng	96
81) Benzo(a)anthracene	13.869	228	1025779	44.574	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	167710	26.381	ng	99
83) Chrysene	13.904	228	1017211	44.213	ng	99
84) Bis(2-ethylhexyl)phtha...	13.869	149	640588	50.244	ng	99
85) Di-n-octyl phthalate	14.480	149	1265034	60.852	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1559828	59.297	ng	98
88) Benzo(b)fluoranthene	14.898	252	1235482	41.993	ng	98
89) Benzo(k)fluoranthene	14.927	252	1191162	40.843	ng	99
90) Benzo(a)pyrene	15.245	252	1149159	42.912	ng	100
91) Dibenzo(a,h)anthracene	16.710	278	1286612	58.642	ng	97
92) Benzo(g,h,i)perylene	17.110	276	1299045	59.973	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

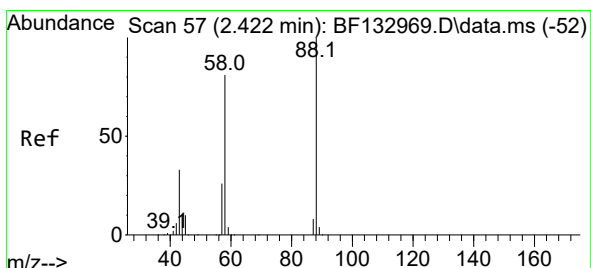
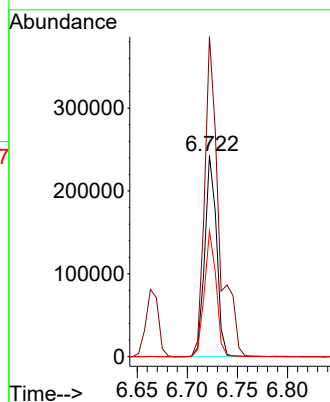
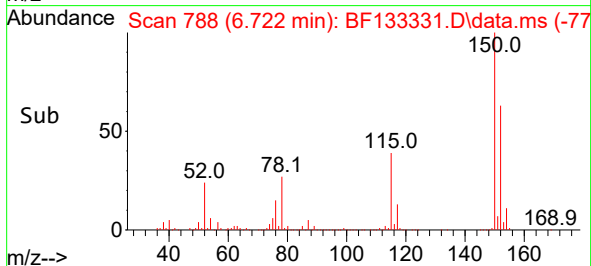
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion:152 Resp: 200430
Ion Ratio Lower Upper
152 100
150 159.1 124.8 187.2
115 62.5 49.9 74.9

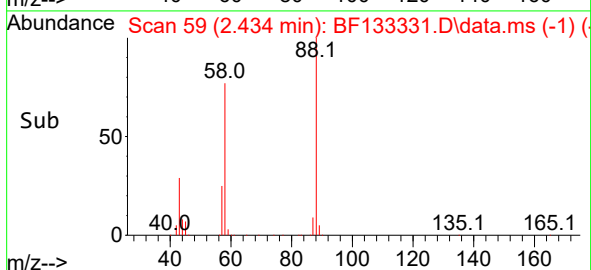
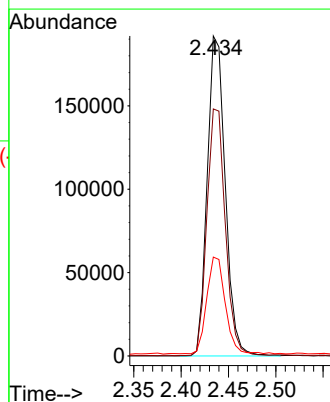
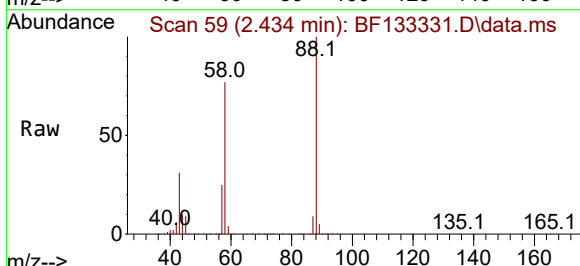
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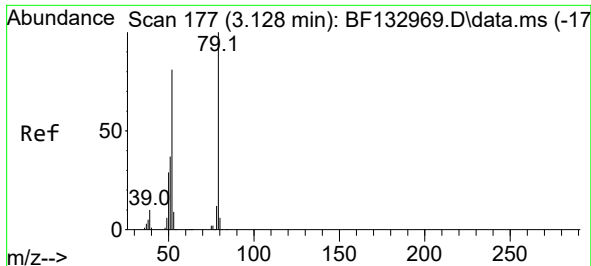
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#2
1,4-Dioxane
Concen: 41.322 ng
RT: 2.434 min Scan# 59
Delta R.T. 0.065 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

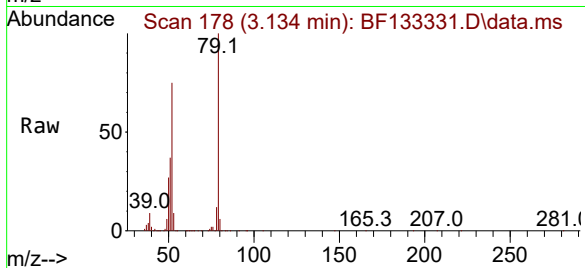
Tgt Ion: 88 Resp: 254313
Ion Ratio Lower Upper
88 100
58 78.5 64.7 97.1
43 31.2 26.2 39.2





#3
Pyridine
Concen: 40.000 ng
RT: 3.134 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

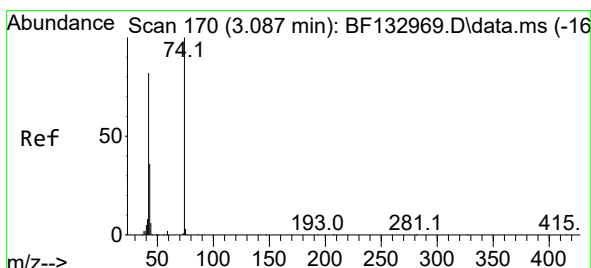
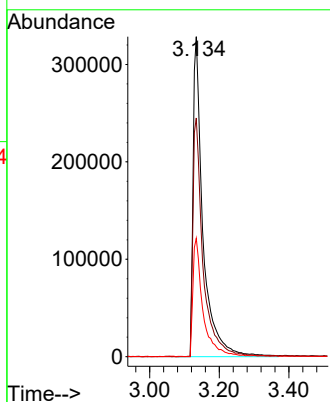
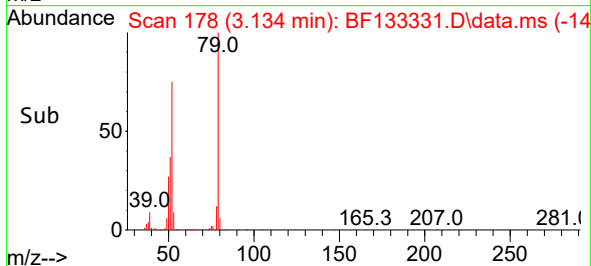
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion: 79 Resp: 653840
Ion Ratio Lower Upper
79 100
52 74.6 64.6 96.8
51 37.0 30.0 45.0

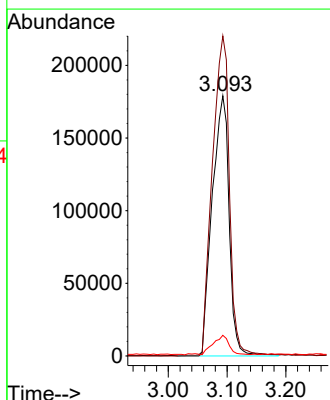
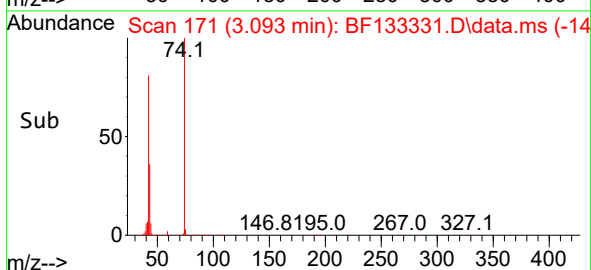
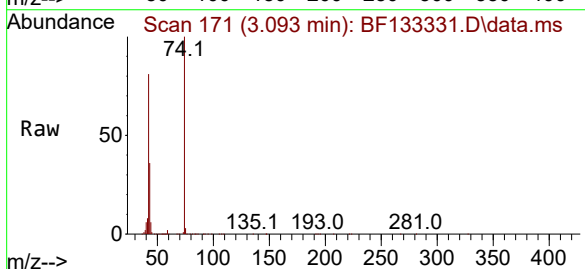
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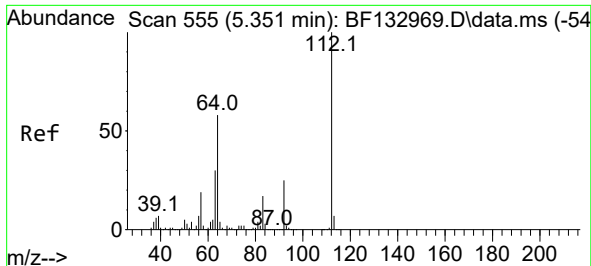
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#4
n-Nitrosodimethylamine
Concen: 42.508 ng
RT: 3.093 min Scan# 171
Delta R.T. 0.059 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

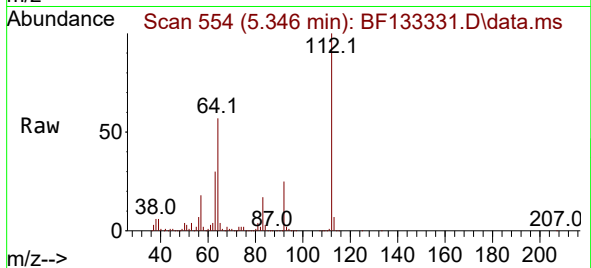
Tgt Ion: 42 Resp: 359904
Ion Ratio Lower Upper
42 100
74 123.0 98.0 147.0
44 8.0 5.8 8.8





#5
2-Fluorophenol
Concen: 119.472 ng
RT: 5.346 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

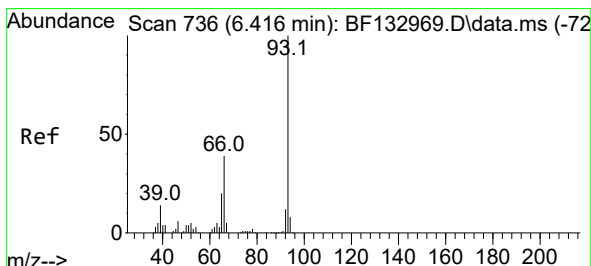
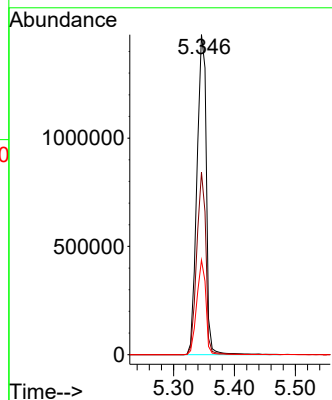
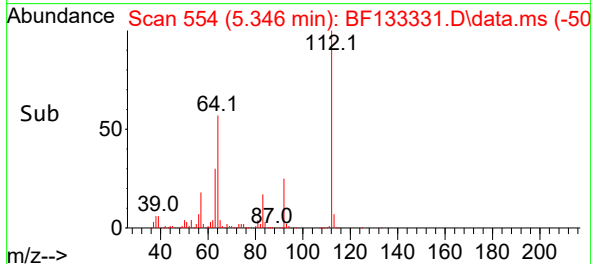
Instrument :
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ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion:112 Resp: 158522
Ion Ratio Lower Upper
112 100
64 57.0 46.8 70.2
63 29.6 23.8 35.8

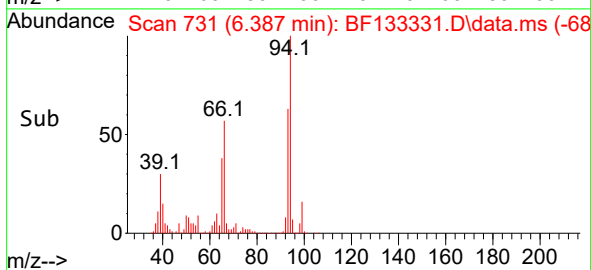
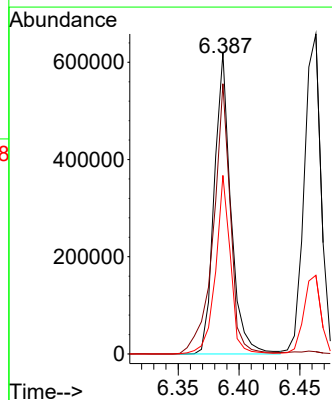
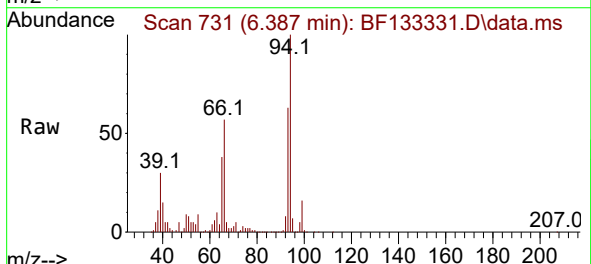
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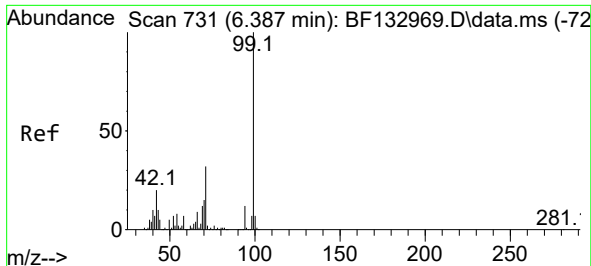
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#6
Aniline
Concen: 27.744 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

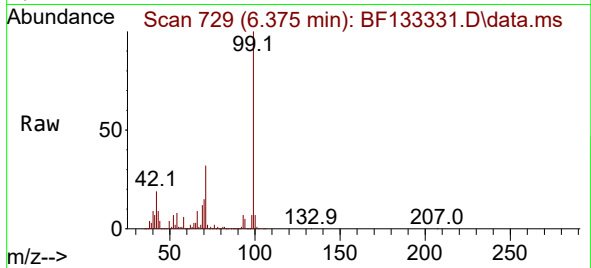
Tgt Ion: 93 Resp: 588503
Ion Ratio Lower Upper
93 100
66 89.8 31.5 47.3#
65 59.3 16.4 24.6#





#7
Phenol-d6
Concen: 114.681 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

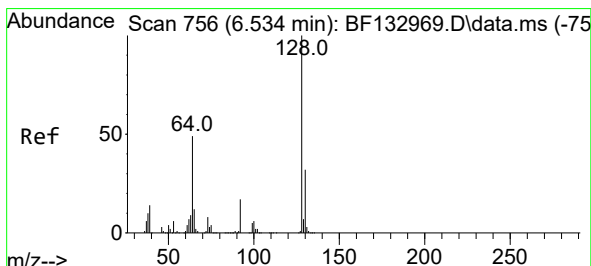
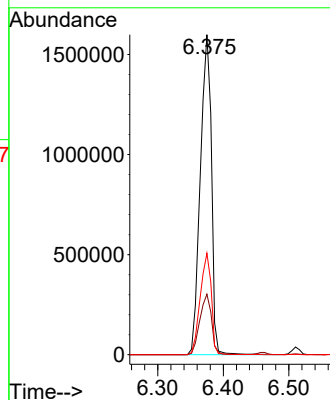
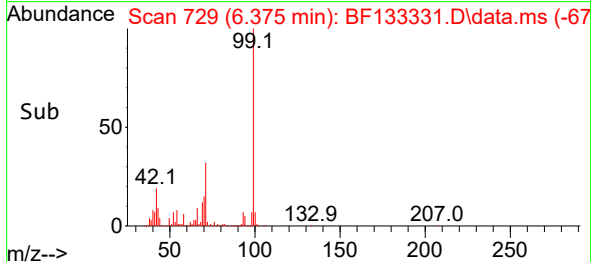
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion: 99 Resp: 188868
Ion Ratio Lower Upper
99 100
42 18.9 16.3 24.5
71 31.7 25.6 38.4

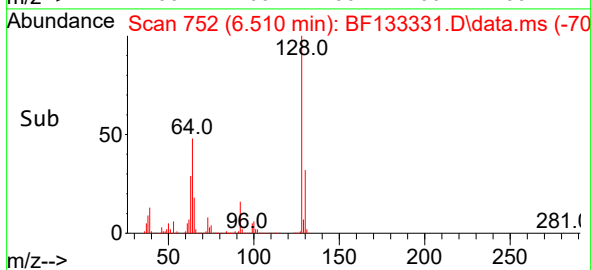
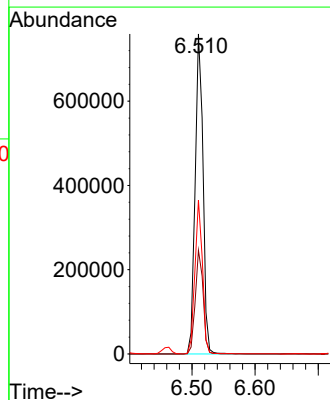
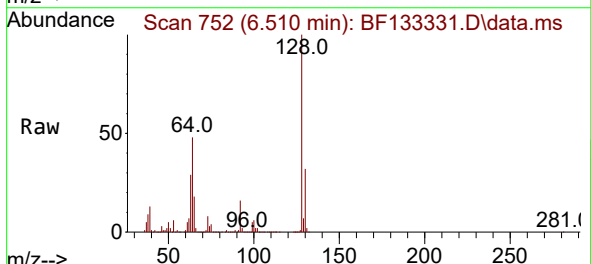
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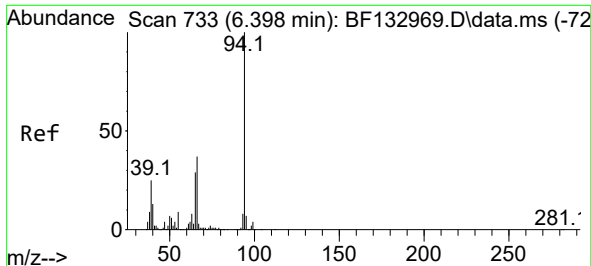
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#8
2-Chlorophenol
Concen: 48.775 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

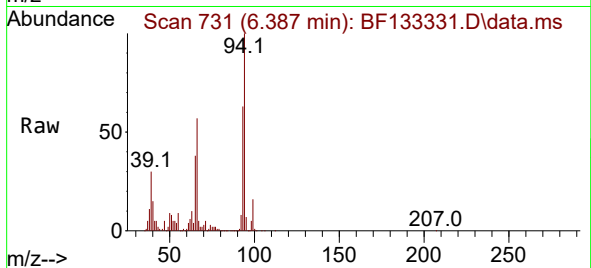
Tgt Ion:128 Resp: 657094
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 48.1 30.3 70.3





#10
Phenol
Concen: 42.027 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

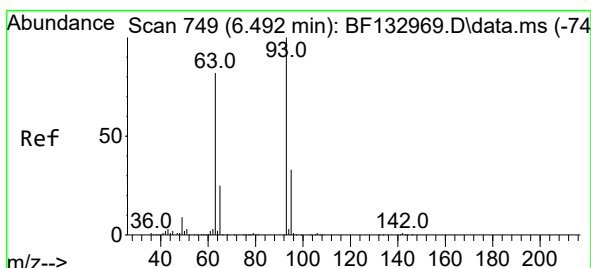
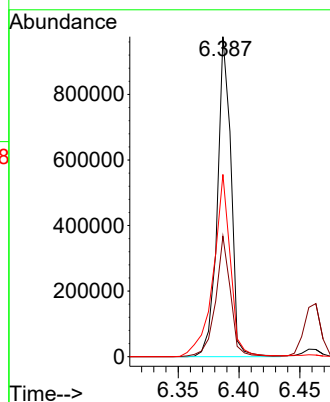
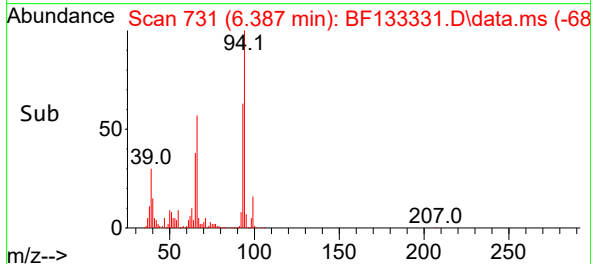
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion: 94 Resp: 763560
Ion Ratio Lower Upper
94 100
65 37.6 8.6 48.6
66 57.0 17.3 57.3

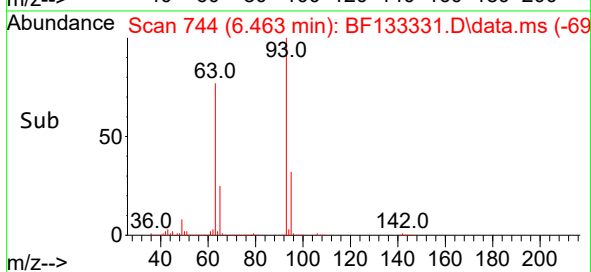
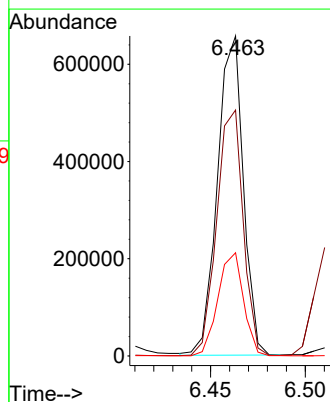
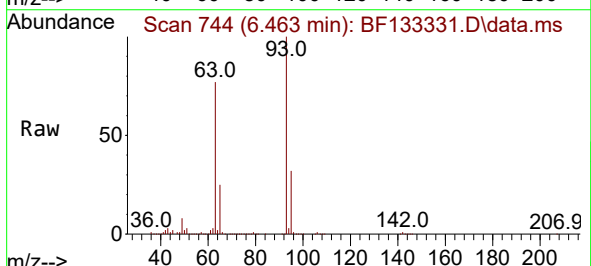
Manual Integrations
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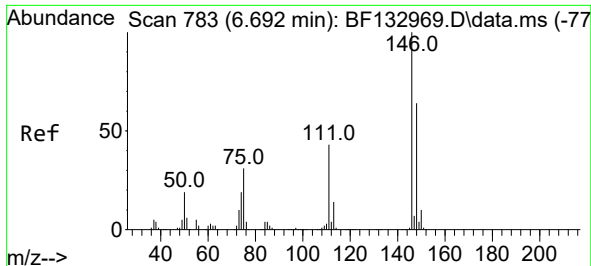
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#11
bis(2-Chloroethyl)ether
Concen: 45.853 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion: 93 Resp: 625144
Ion Ratio Lower Upper
93 100
63 76.9 60.6 100.6
95 32.2 12.9 52.9





#12

1,3-Dichlorobenzene

Concen: 48.061 ng

RT: 6.663 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

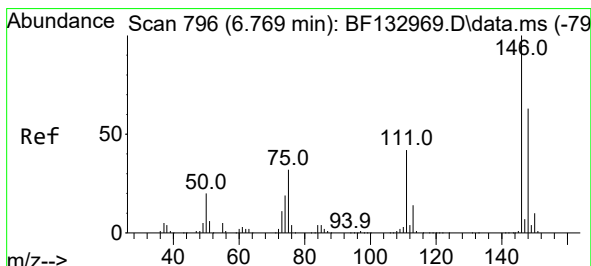
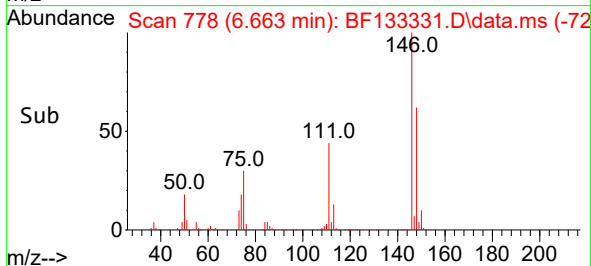
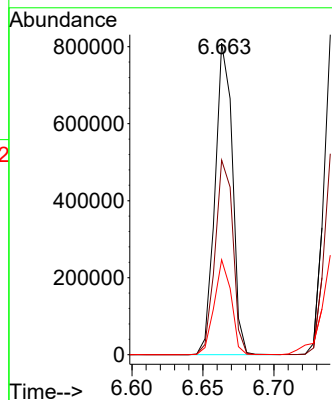
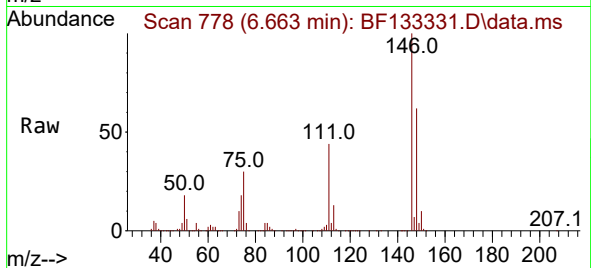
SB-04_0-2_20230509MS

Tgt Ion:146 Resp: 688370
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.0 76.4
 75 30.4 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023
 Supervised By :Jagrut Upadhyay 05/11/2023



#13

1,4-Dichlorobenzene

Concen: 48.781 ng

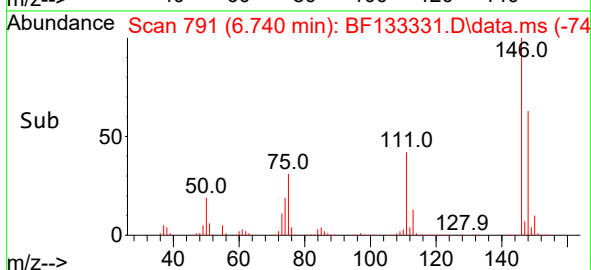
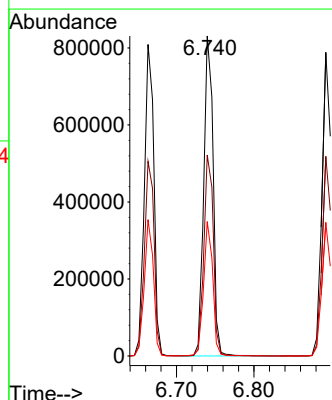
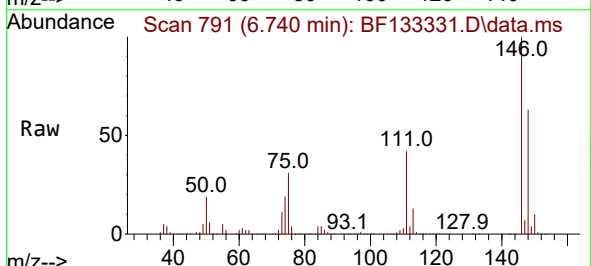
RT: 6.740 min Scan# 791

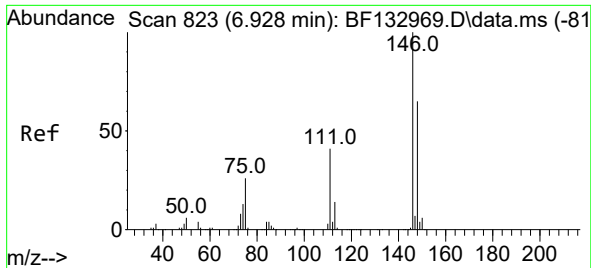
Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

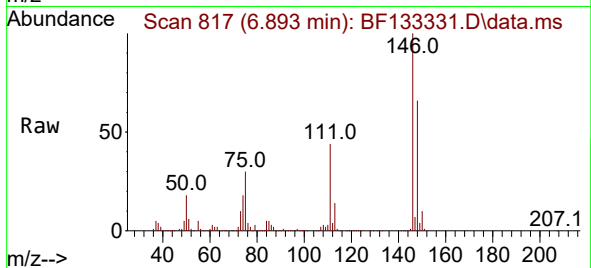
Tgt Ion:146 Resp: 700240
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.3 75.5
 111 42.0 33.8 50.6





#14
1,2-Dichlorobenzene
Concen: 49.448 ng
RT: 6.893 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

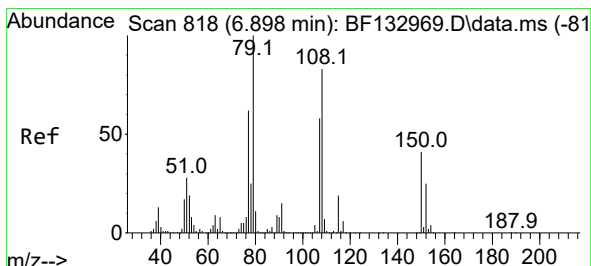
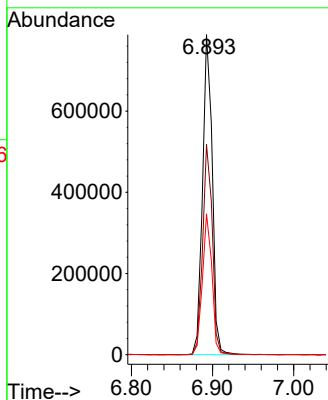
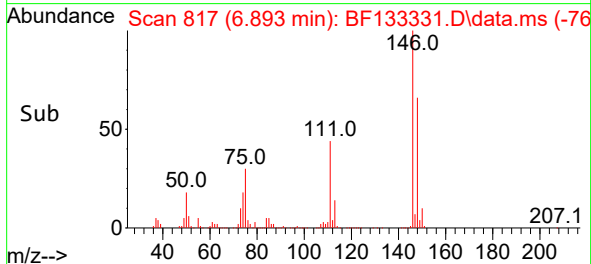
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion:146 Resp: 65440
Ion Ratio Lower Upper
146 100
148 65.7 52.2 78.2
111 44.0 32.8 49.2

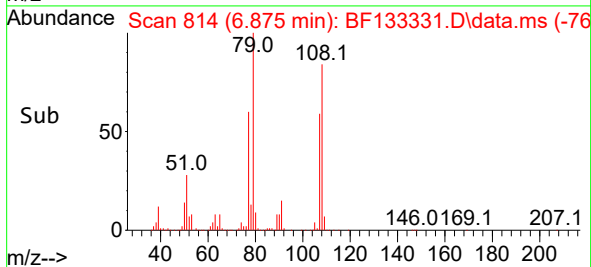
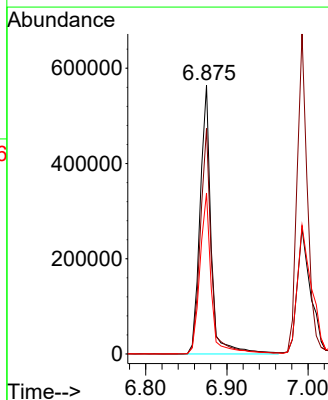
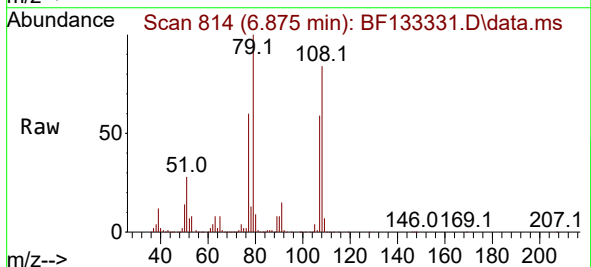
Manual Integrations
APPROVED

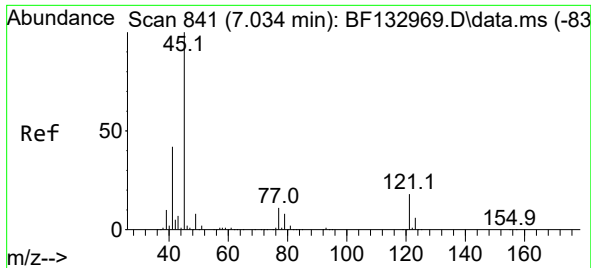
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#15
Benzyl Alcohol
Concen: 46.947 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion: 79 Resp: 534075
Ion Ratio Lower Upper
79 100
108 83.9 66.6 99.8
77 59.9 49.2 73.8





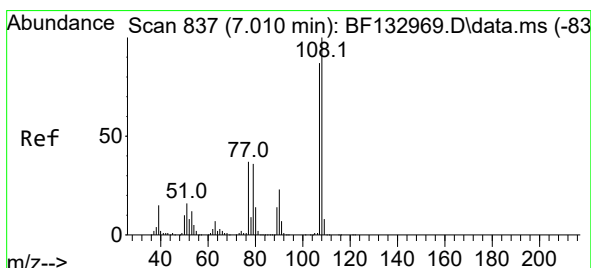
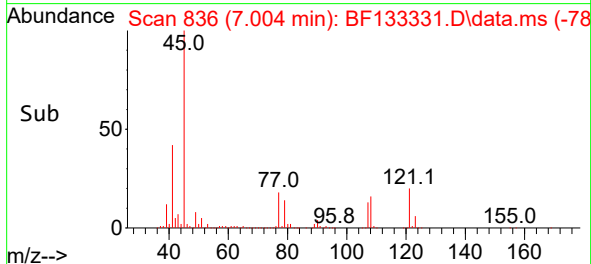
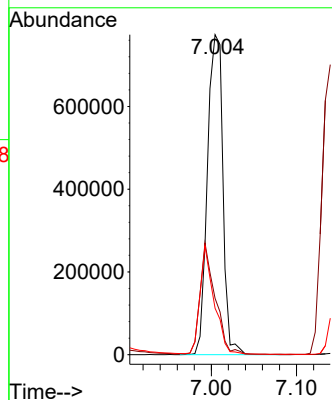
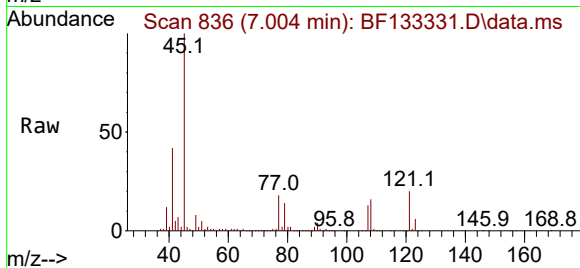
#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.043 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

Tgt Ion: 45 Resp: 97190
Ion Ratio Lower Upper
45 100
77 17.6 0.0 31.5
79 14.5 0.0 28.7

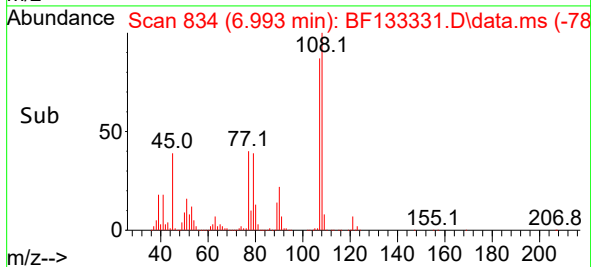
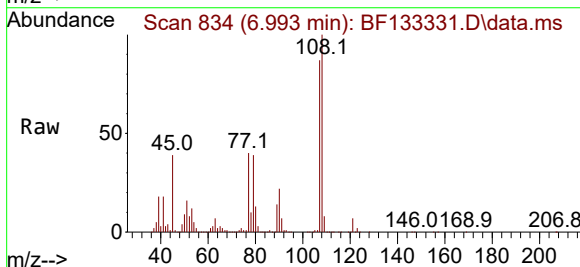
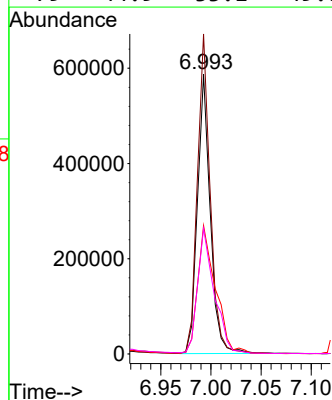
Manual Integrations
APPROVED

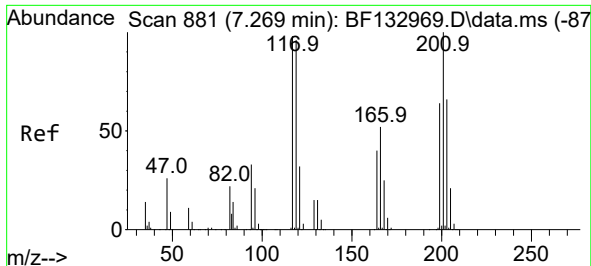
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#17
2-Methylphenol
Concen: 42.272 ng
RT: 6.993 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

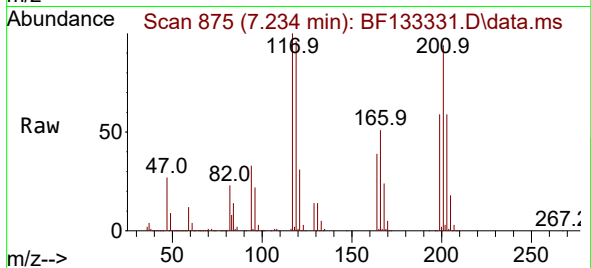
Tgt Ion:107 Resp: 521466
Ion Ratio Lower Upper
107 100
108 114.4 92.4 138.6
77 46.0 33.8 50.8
79 44.9 33.1 49.7





#18
Hexachloroethane
Concen: 47.499 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

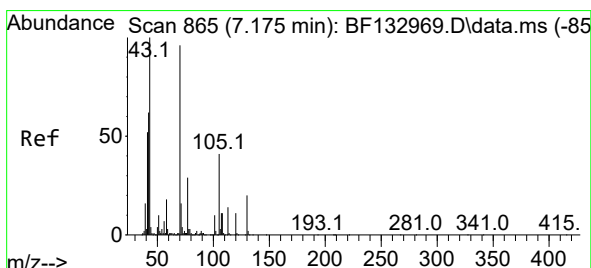
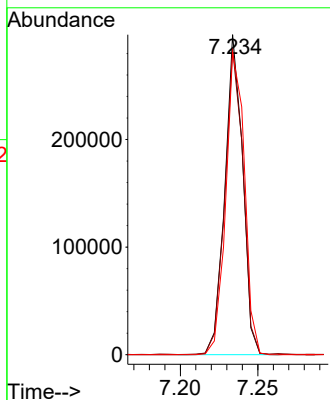
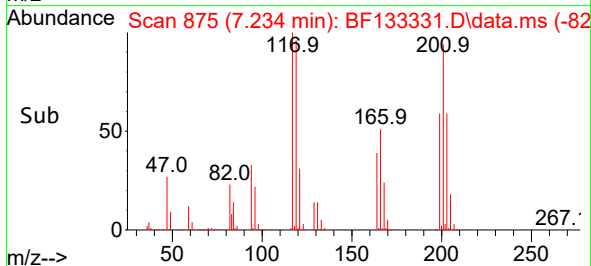
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion:117 Resp: 23705
Ion Ratio Lower Upper
117 100
119 95.6 78.2 117.4
201 94.4 81.7 122.5

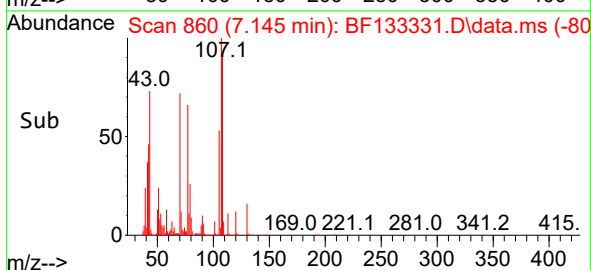
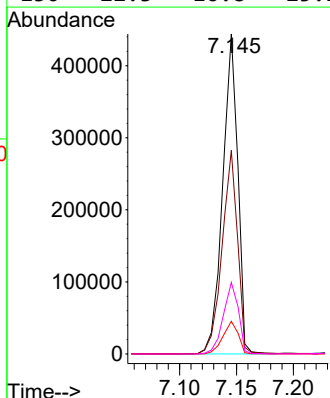
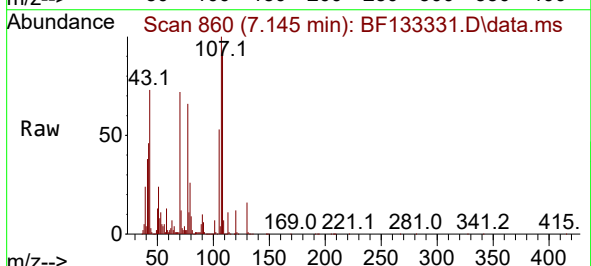
Manual Integrations
APPROVED

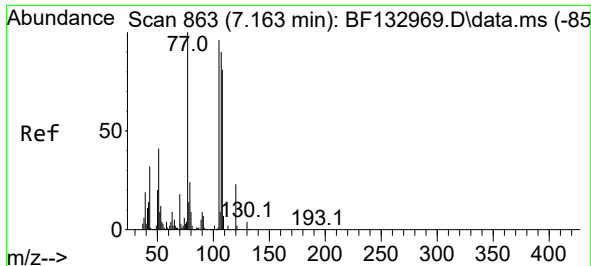
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#19
n-Nitroso-di-n-propylamine
Concen: 40.048 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

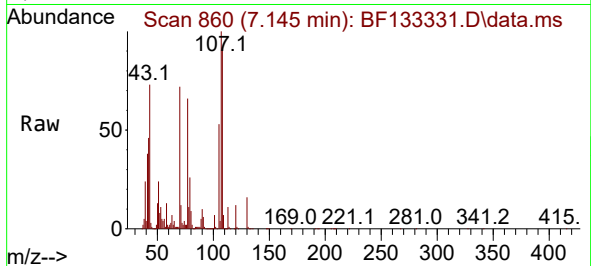
Tgt Ion: 70 Resp: 410606
Ion Ratio Lower Upper
70 100
42 63.6 51.8 77.6
101 10.2 8.0 12.0
130 22.3 16.8 25.2





#20
3+4-Methylphenols
Concen: 43.707 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

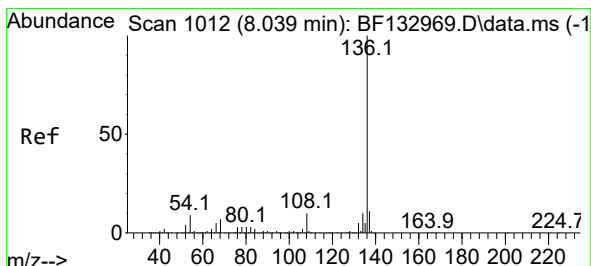
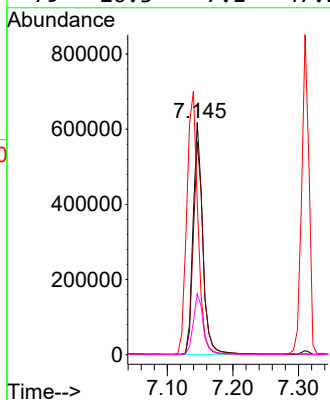
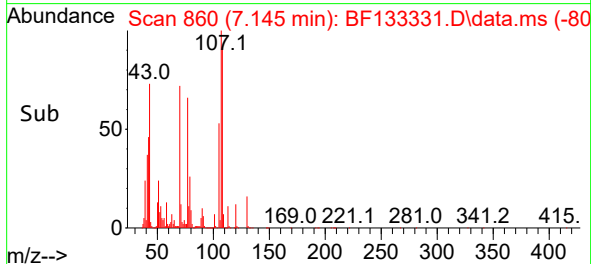
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion:107 Resp: 63495
Ion Ratio Lower Upper
107 100
108 91.7 70.5 110.5
77 65.6 91.7 131.7
79 26.3 7.1 47.1

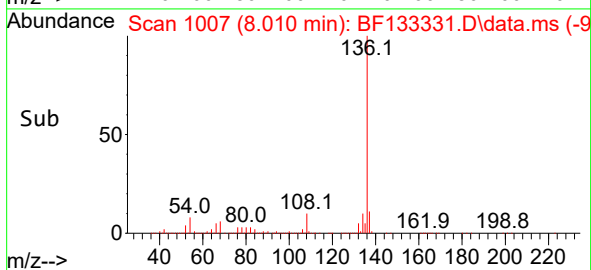
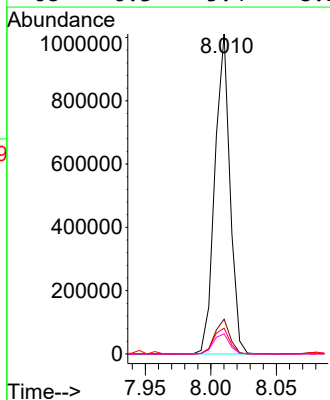
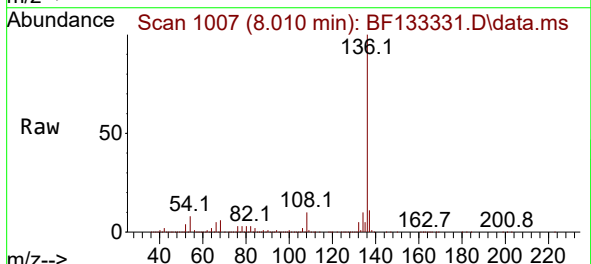
Manual Integrations
APPROVED

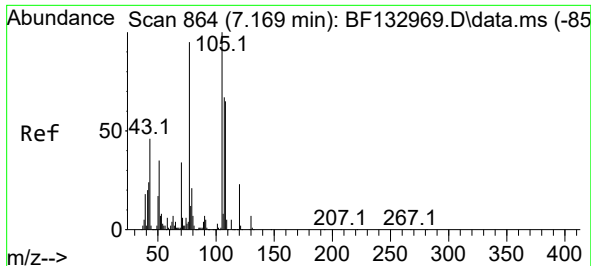
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

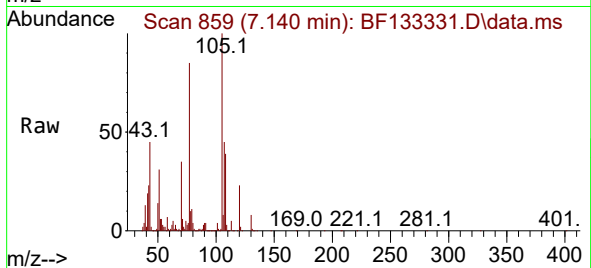
Tgt Ion:136 Resp: 808059
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 7.0 10.4
68 6.3 5.4 8.2





#22
Acetophenone
Concen: 46.189 ng
RT: 7.140 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

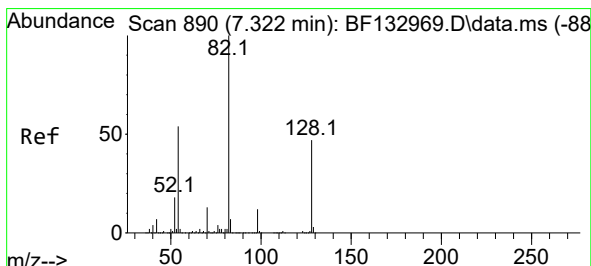
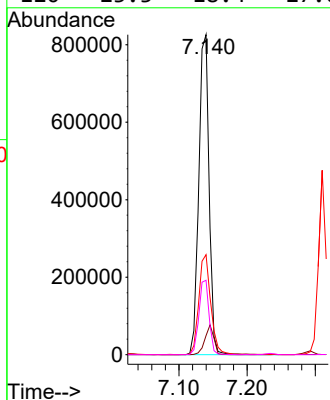
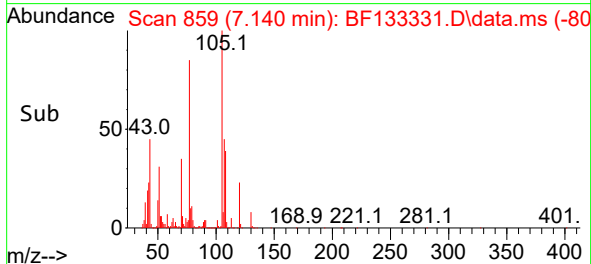
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion: 105 Resp: 86458
Ion Ratio Lower Upper
105 100
71 6.0 4.6 7.0
51 31.3 28.2 42.2
120 23.3 18.4 27.6

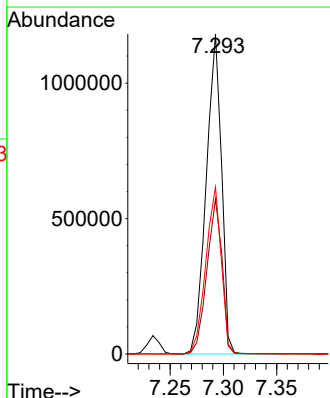
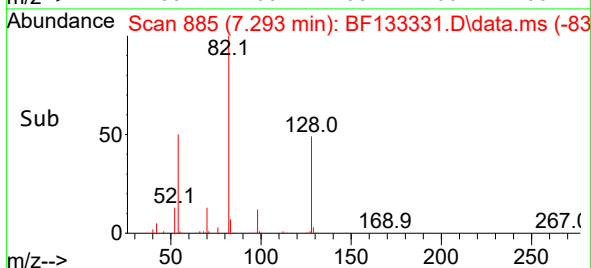
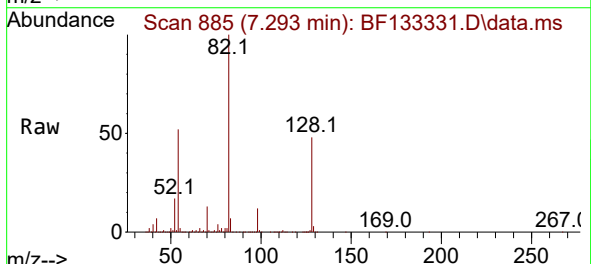
Manual Integrations
APPROVED

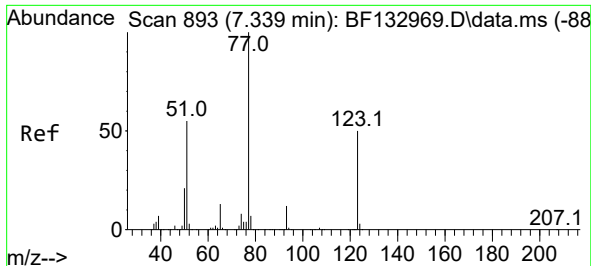
Reviewed By : Christian Giraldo 05/11/2023
Supervised By : Jagrut Upadhyay 05/11/2023



#23
Nitrobenzene-d5
Concen: 78.873 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

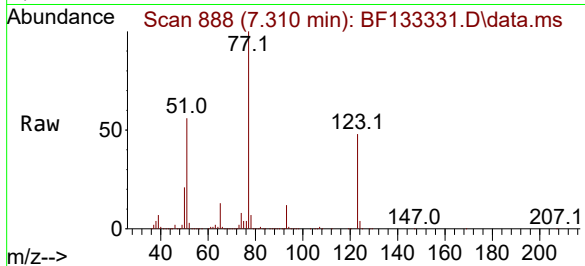
Tgt Ion: 82 Resp: 1180765
Ion Ratio Lower Upper
82 100
128 48.4 37.7 56.5
54 52.2 43.0 64.4





#24
Nitrobenzene
Concen: 42.884 ng
RT: 7.310 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

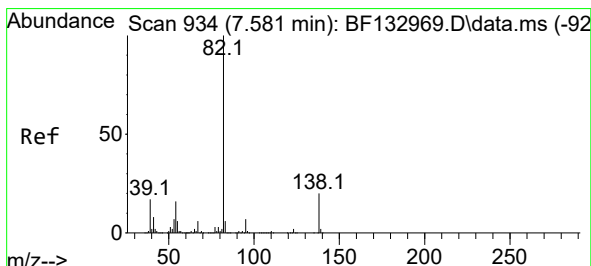
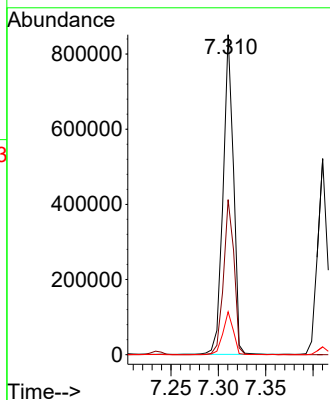
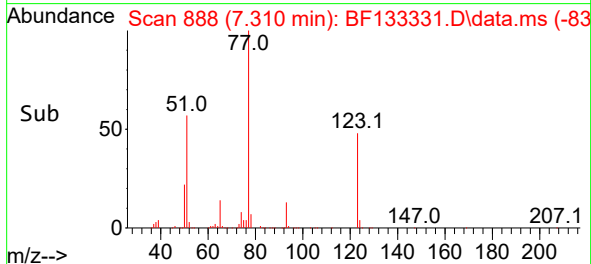
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion: 77 Resp: 650548
Ion Ratio Lower Upper
77 100
123 48.4 39.9 59.9
65 13.4 10.7 16.1

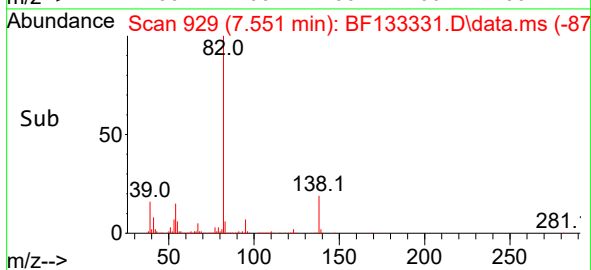
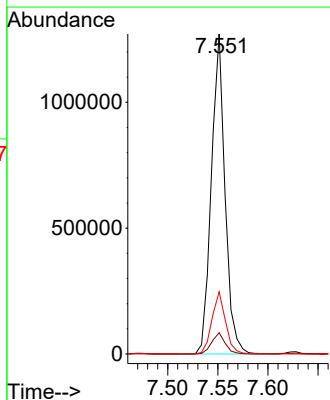
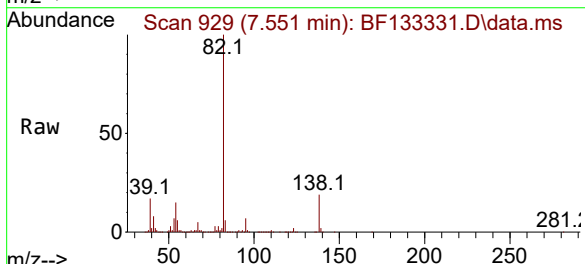
Manual Integrations
APPROVED

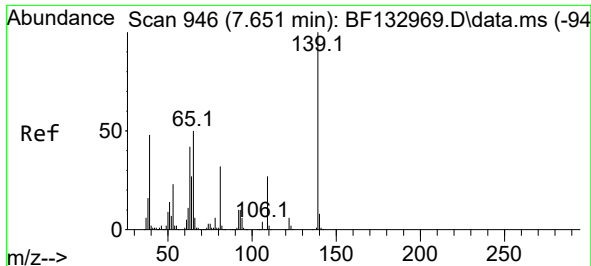
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#25
Isophorone
Concen: 42.322 ng
RT: 7.551 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

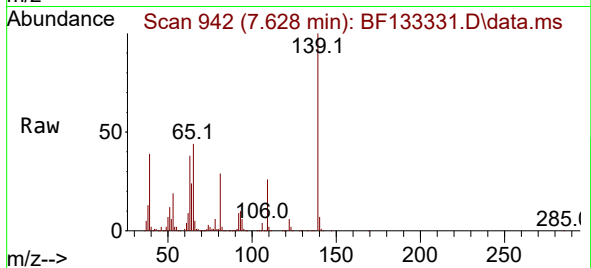
Tgt Ion: 82 Resp: 1202963
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 19.5 16.0 24.0





#26
2-Nitrophenol
Concen: 49.774 ng
RT: 7.628 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

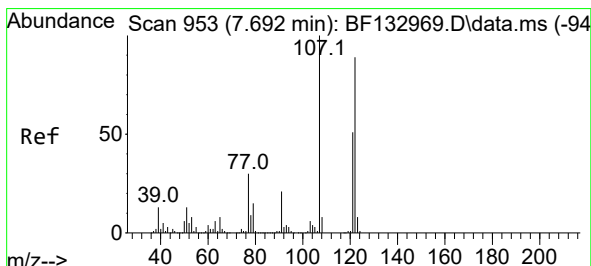
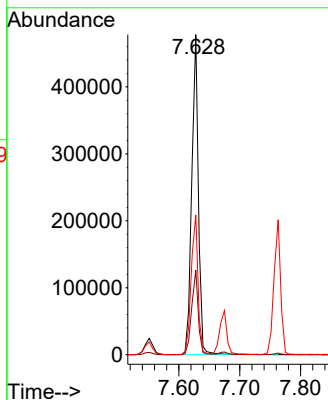
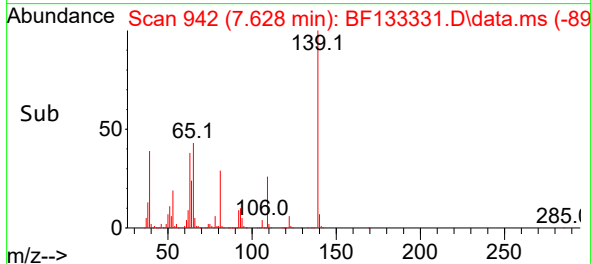
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion:139 Resp: 364190
Ion Ratio Lower Upper
139 100
109 26.4 21.6 32.4
65 43.6 39.8 59.6

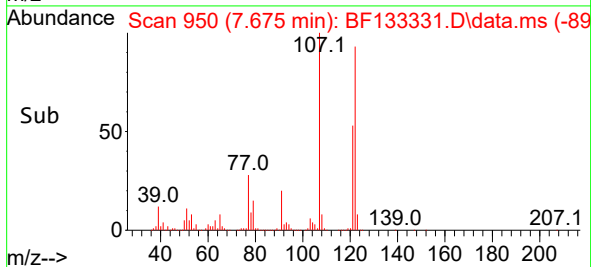
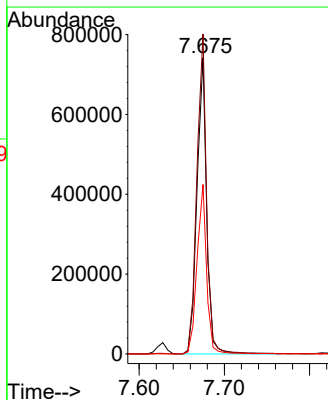
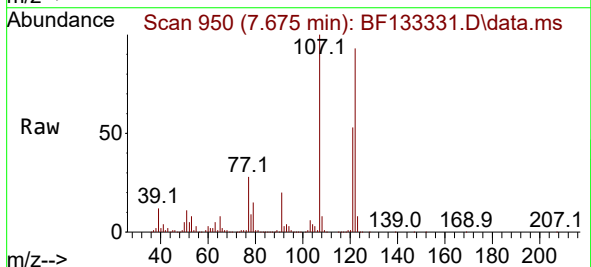
Manual Integrations
APPROVED

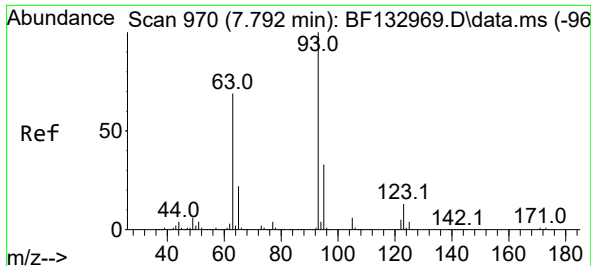
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#27
2,4-Dimethylphenol
Concen: 46.804 ng
RT: 7.675 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

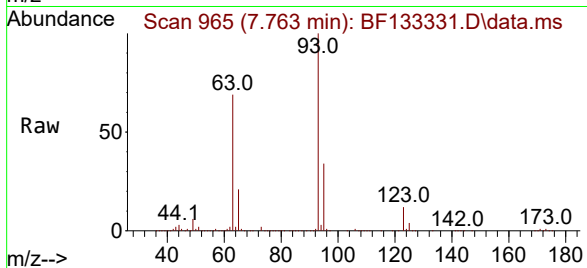
Tgt Ion:122 Resp: 587232
Ion Ratio Lower Upper
122 100
107 108.0 89.7 134.5
121 57.2 46.0 69.0





#28
bis(2-Chloroethoxy)methane
Concen: 43.311 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

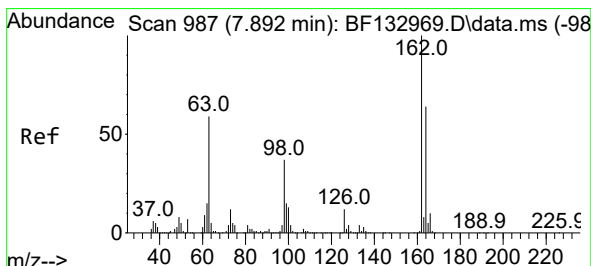
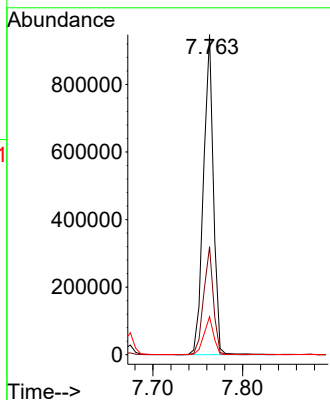
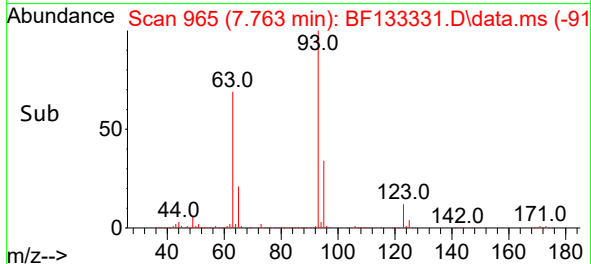
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



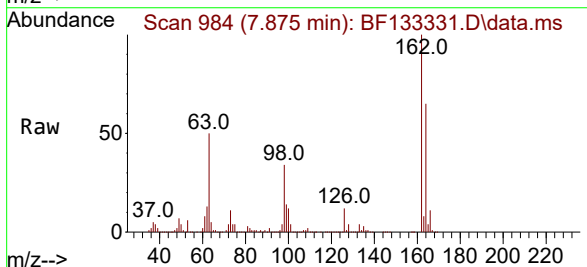
Tgt Ion: 93 Resp: 728289
Ion Ratio Lower Upper
93 100
95 33.8 26.4 39.6
123 11.9 10.3 15.5

Manual Integrations
APPROVED

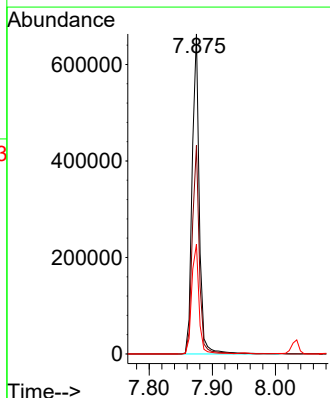
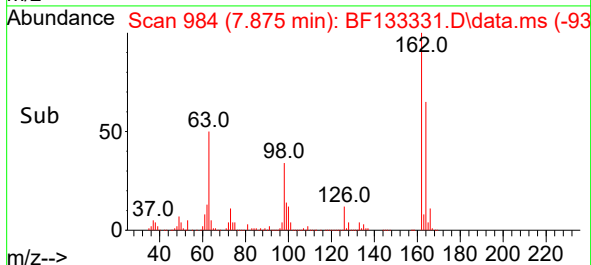
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

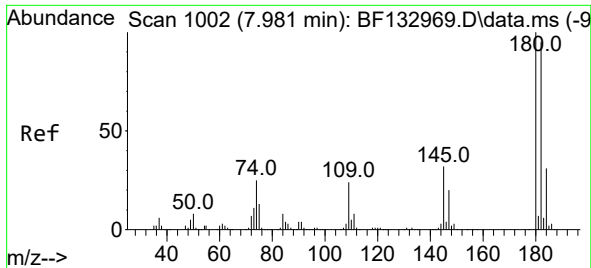


#29
2,4-Dichlorophenol
Concen: 45.674 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26



Tgt Ion:162 Resp: 521672
Ion Ratio Lower Upper
162 100
164 65.1 43.9 83.9
98 34.3 17.0 57.0





#30

1,2,4-Trichlorobenzene

Concen: 45.794 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF133331.D

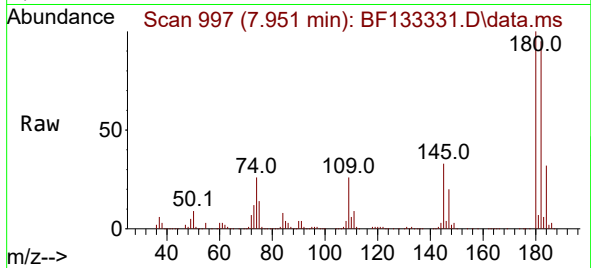
Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS



Tgt Ion:180 Resp: 541868

Ion Ratio Lower Upper

180 100

182 94.7 75.9 113.9

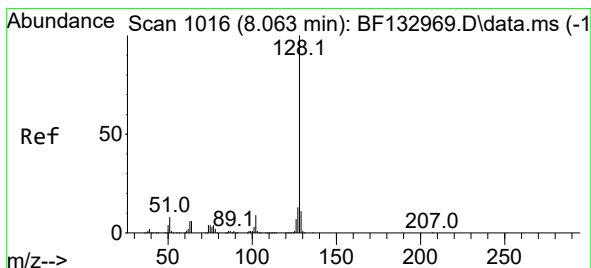
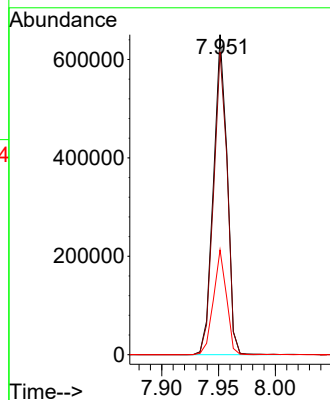
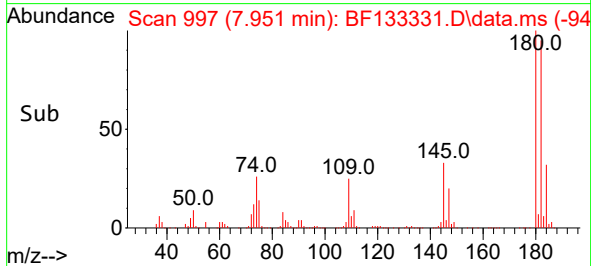
145 32.7 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#31

Naphthalene

Concen: 43.730 ng

RT: 8.034 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

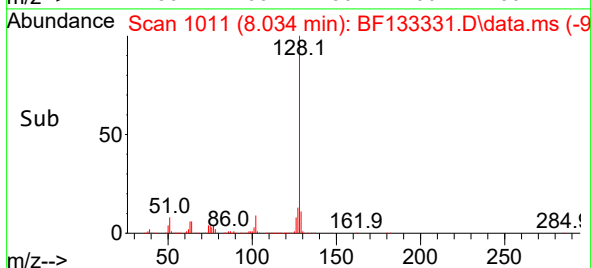
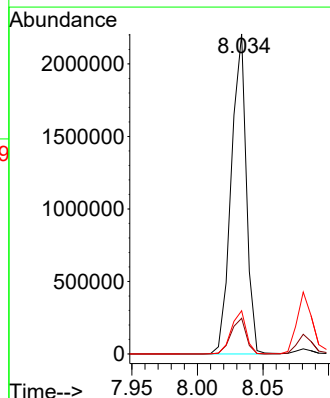
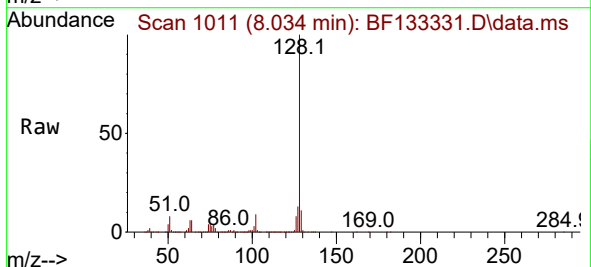
Tgt Ion:128 Resp: 1766711

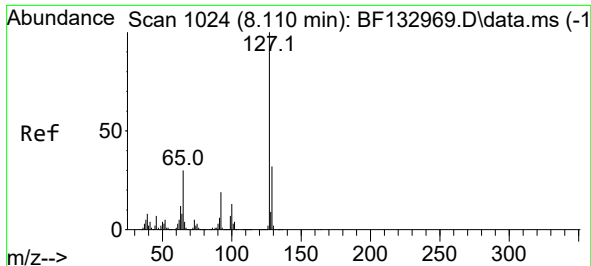
Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

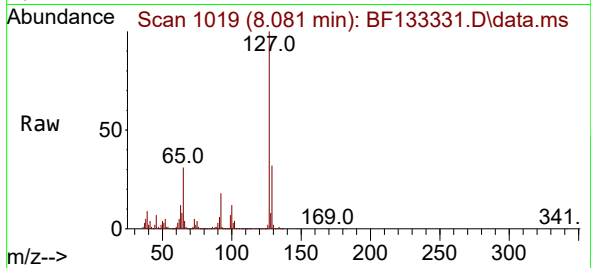
127 13.5 10.7 16.1





#33
4-Chloroaniline
Concen: 22.806 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

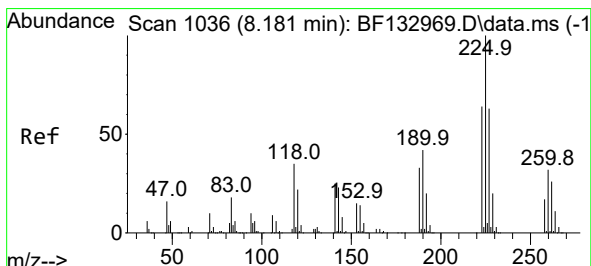
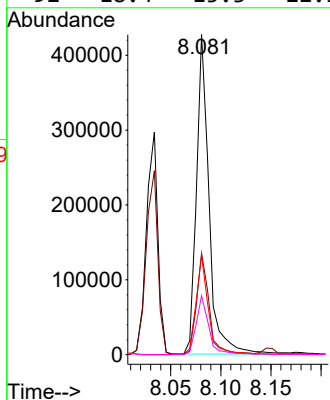
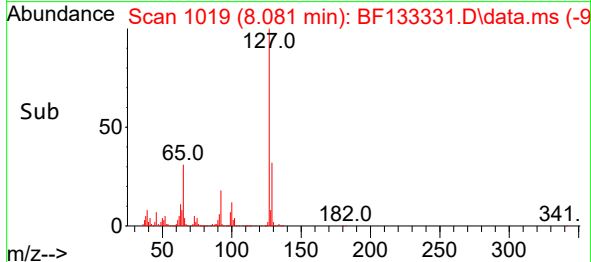
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion:127 Resp: 37226
Ion Ratio Lower Upper
127 100
129 31.8 25.8 38.8
65 31.1 23.6 35.4
92 18.4 15.3 22.9

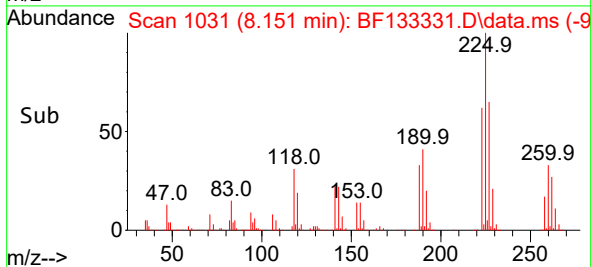
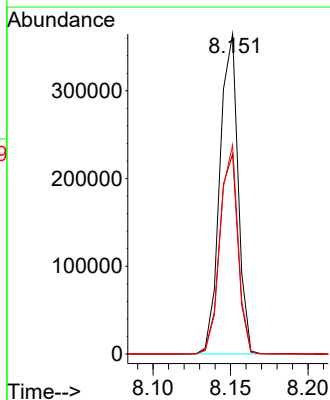
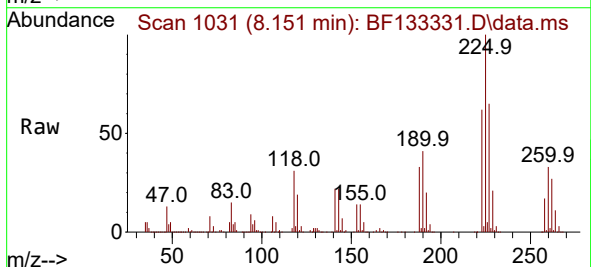
Manual Integrations
APPROVED

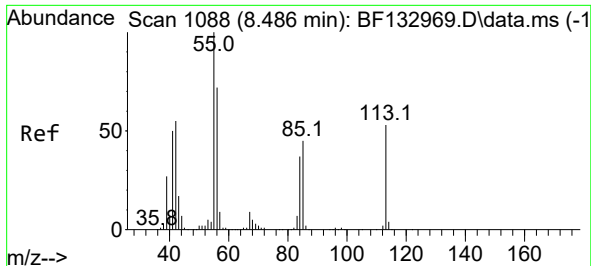
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#34
Hexachlorobutadiene
Concen: 45.418 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

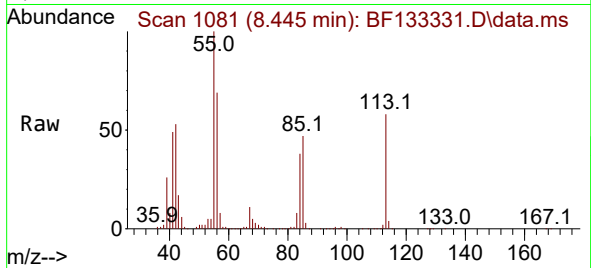
Tgt Ion:225 Resp: 297860
Ion Ratio Lower Upper
225 100
223 62.5 50.9 76.3
227 65.2 50.3 75.5





#35
 Caprolactam
 Concen: 39.760 ng m
 RT: 8.445 min Scan# 1088
 Delta R.T. -0.017 min
 Lab File: BF133331.D
 Acq: 10 May 2023 15:26

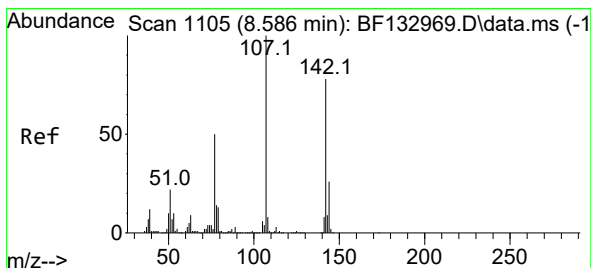
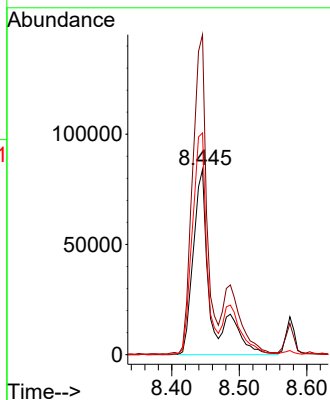
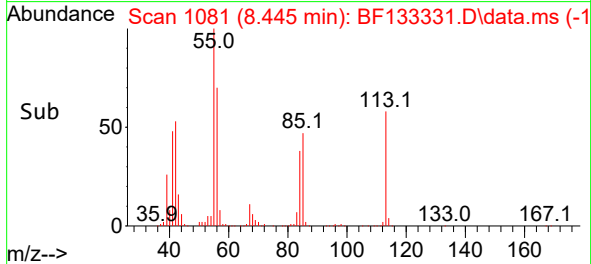
Instrument :
 BNA_F
 ClientSampleId :
 SB-04_0-2_20230509MS



Tgt Ion:113 Resp: 15255
 Ion Ratio Lower Upper
 113 100
 55 172.9 167.1 207.1
 56 119.8 114.5 154.5

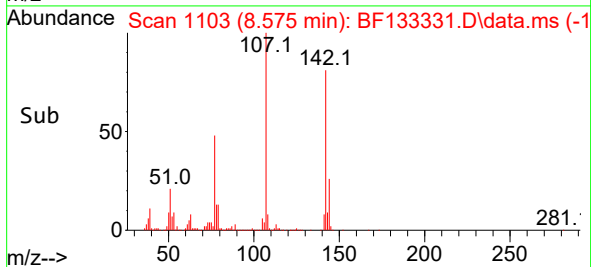
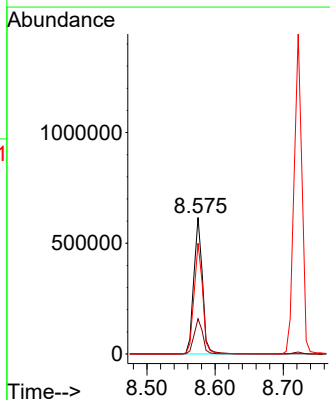
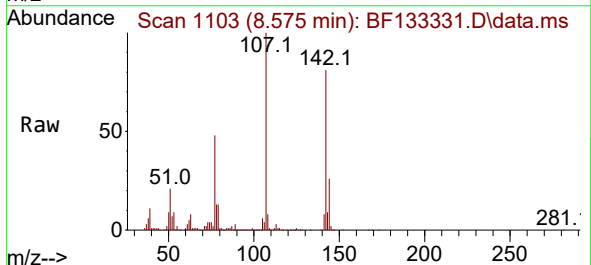
Manual Integrations
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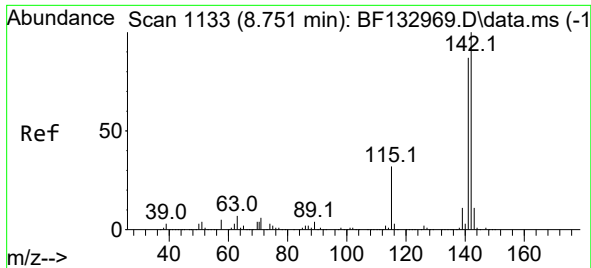
Reviewed By :Christian Giraldo 05/11/2023
 Supervised By :Jagrut Upadhyay 05/11/2023



#36
 4-Chloro-3-methylphenol
 Concen: 43.845 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF133331.D
 Acq: 10 May 2023 15:26

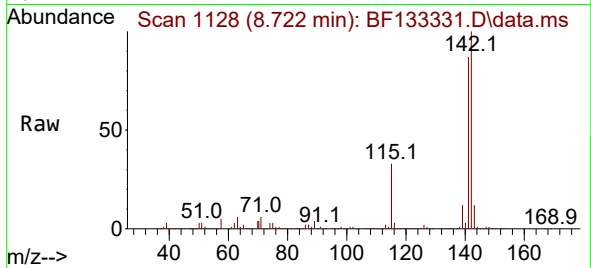
Tgt Ion:107 Resp: 540031
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.6 30.8
 142 81.2 62.8 94.2





#37
2-Methylnaphthalene
Concen: 42.162 ng
RT: 8.722 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

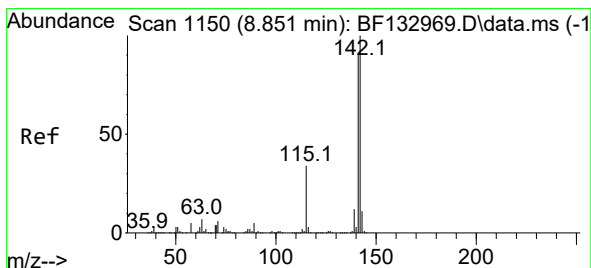
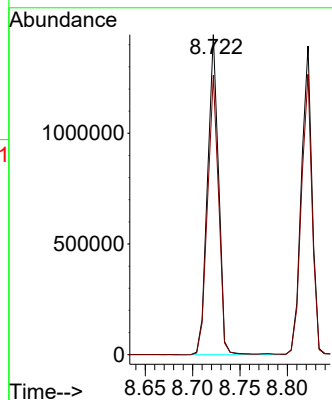
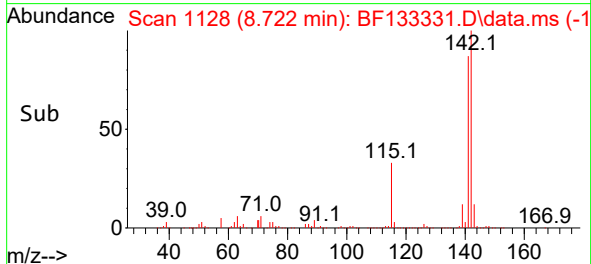
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion:142 Resp: 1164538
Ion Ratio Lower Upper
142 100
141 87.3 69.4 104.0

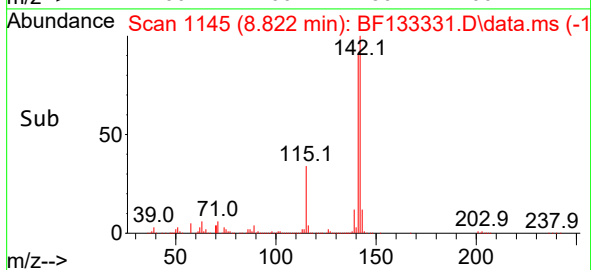
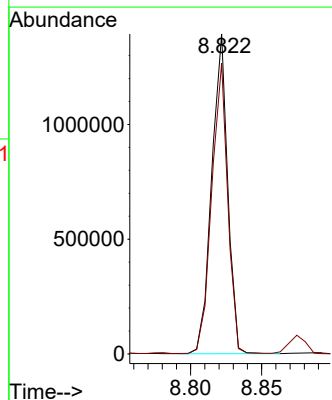
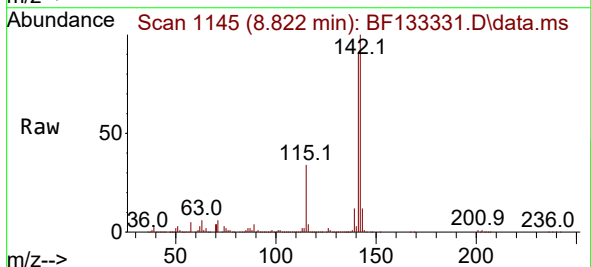
Manual Integrations
APPROVED

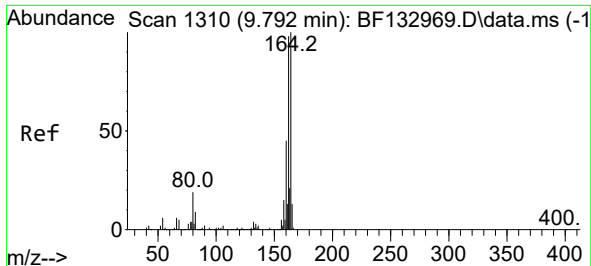
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#38
1-Methylnaphthalene
Concen: 42.148 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

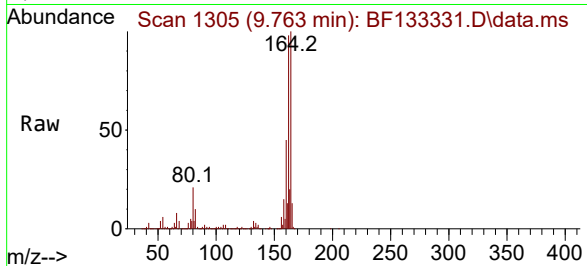
Tgt Ion:142 Resp: 1089063
Ion Ratio Lower Upper
142 100
141 90.9 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

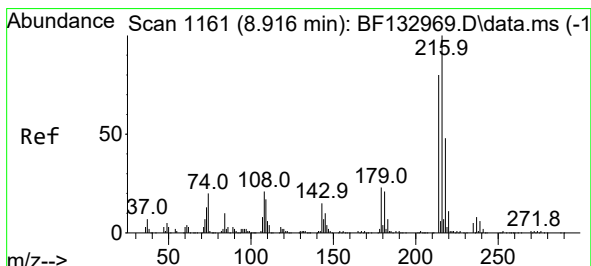
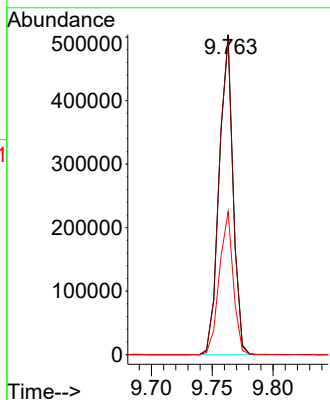
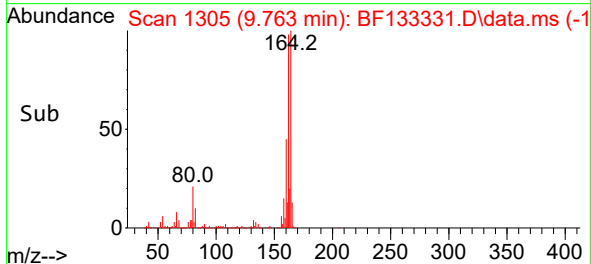
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



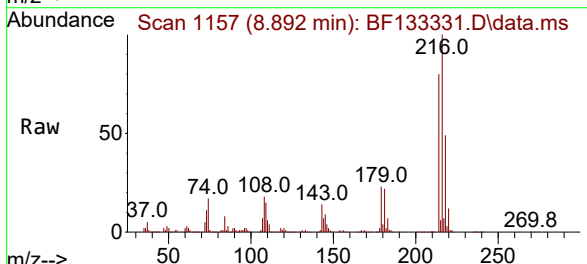
Tgt Ion:164 Resp: 398072
Ion Ratio Lower Upper
164 100
162 98.5 78.7 118.1
160 44.7 35.8 53.6

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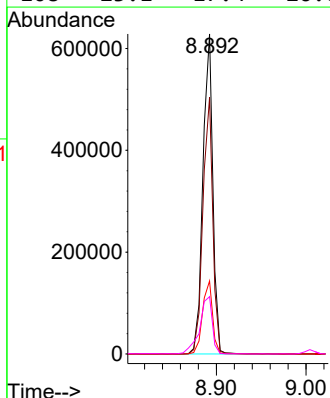
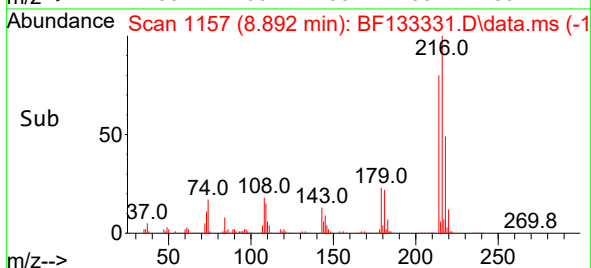
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

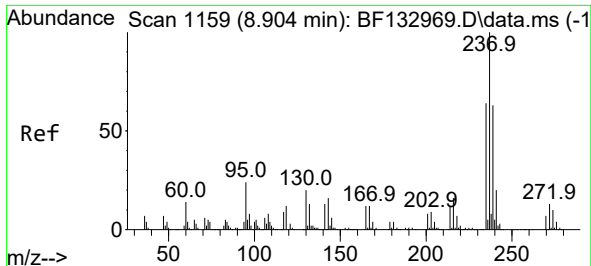


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.916 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26



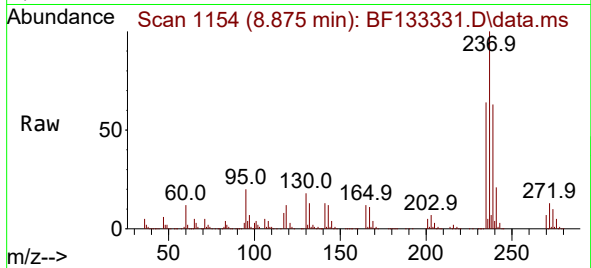
Tgt Ion:216 Resp: 480741
Ion Ratio Lower Upper
216 100
214 80.3 63.5 95.3
179 23.0 17.4 26.2
108 23.1 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 88.127 ng
RT: 8.875 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

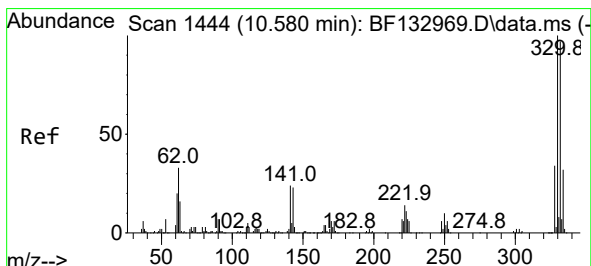
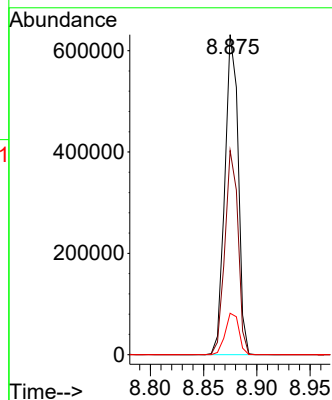
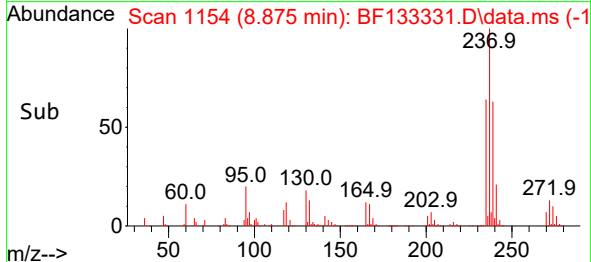
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



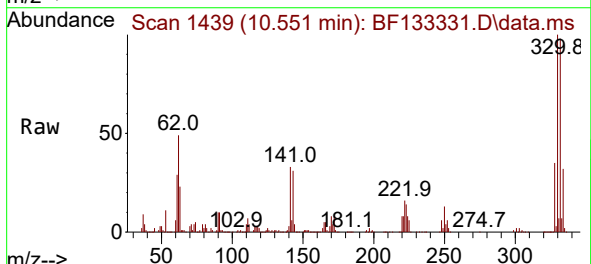
Tgt Ion:237 Resp: 550090
Ion Ratio Lower Upper
237 100
235 63.8 43.5 83.5
272 12.9 0.0 32.7

Manual Integrations
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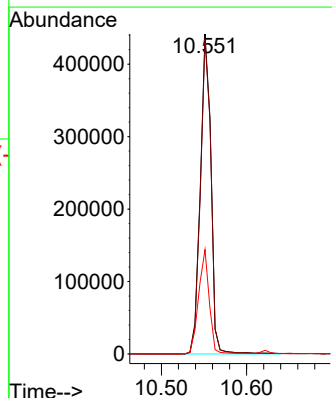
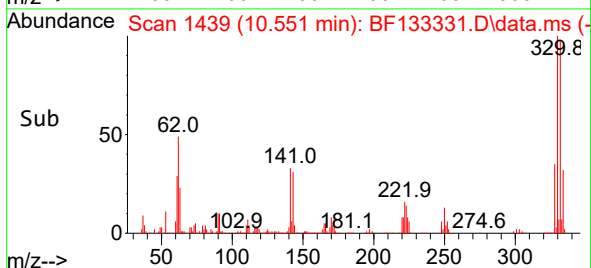
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

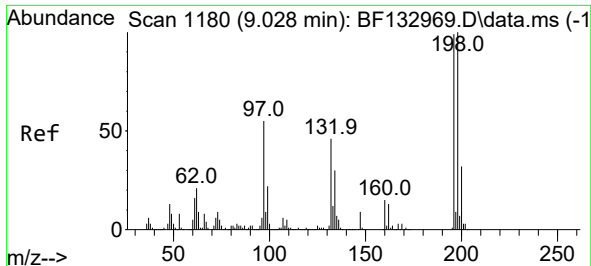


#42
2,4,6-Tribromophenol
Concen: 96.044 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26



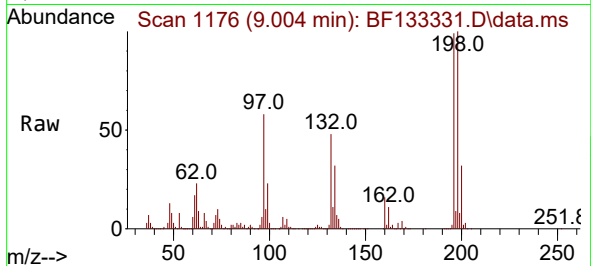
Tgt Ion:330 Resp: 384500
Ion Ratio Lower Upper
330 100
332 98.4 77.1 115.7
141 32.7 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 43.269 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

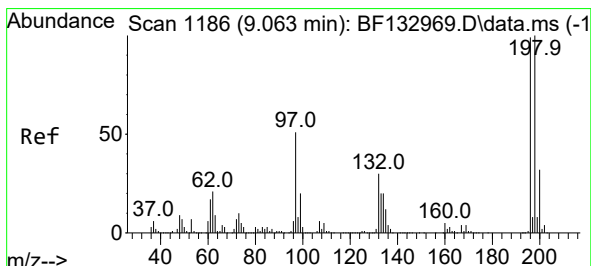
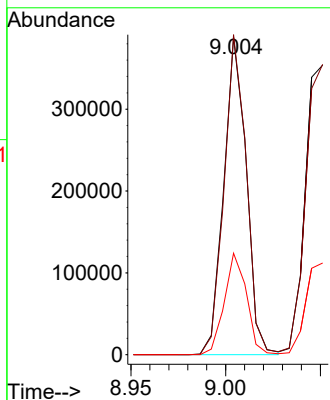
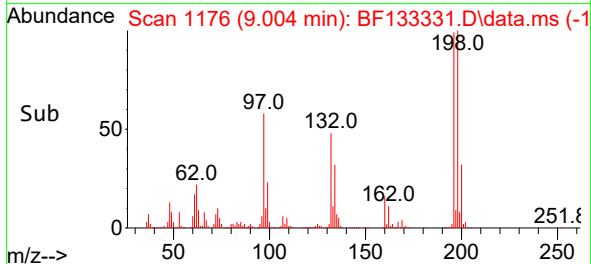
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion:196 Resp: 320270
Ion Ratio Lower Upper
196 100
198 100.8 81.0 121.6
200 32.0 26.1 39.1

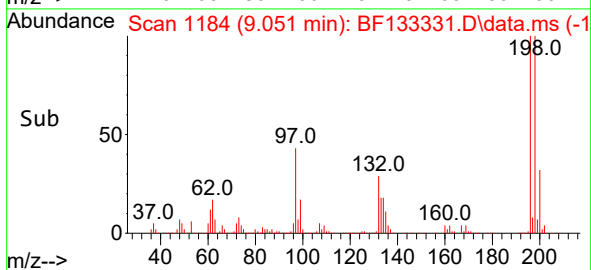
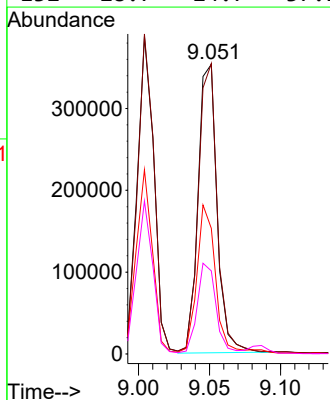
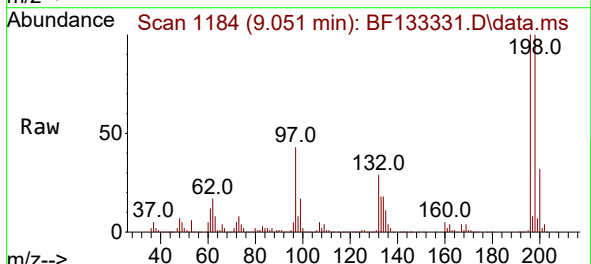
Manual Integrations
APPROVED

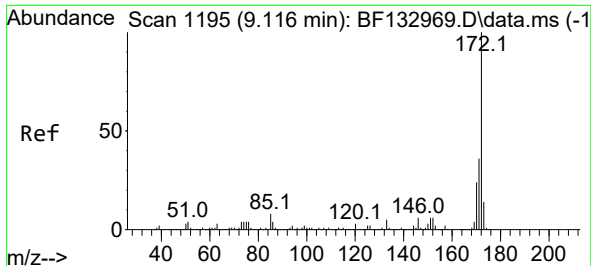
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#44
2,4,5-Trichlorophenol
Concen: 38.498 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

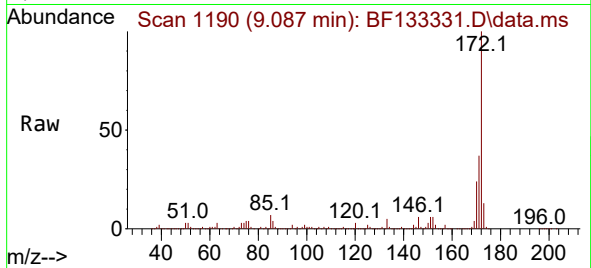
Tgt Ion:196 Resp: 329559
Ion Ratio Lower Upper
196 100
198 100.3 80.9 121.3
97 43.4 41.3 61.9
132 28.7 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 80.229 ng
RT: 9.087 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

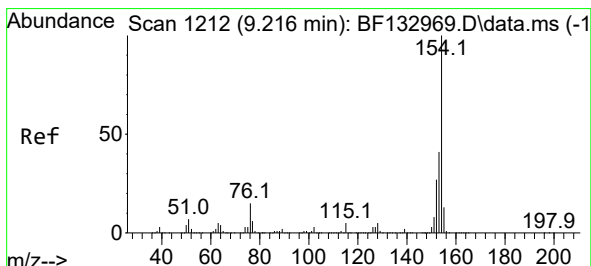
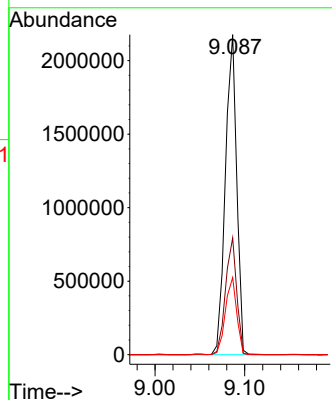
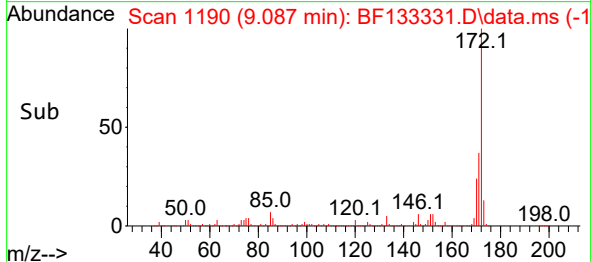
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion:172 Resp: 1908950
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.1 19.4 29.2

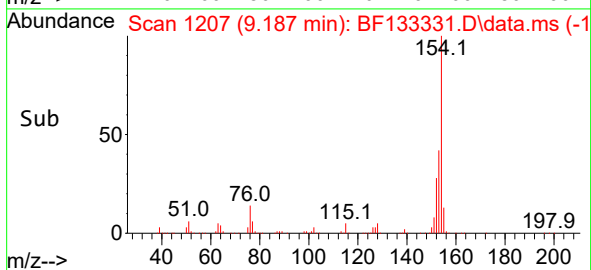
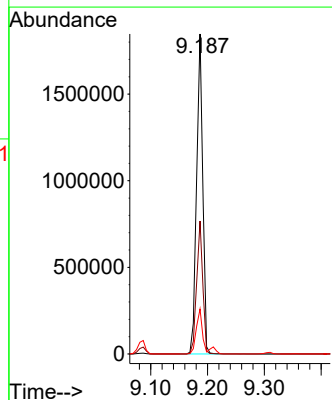
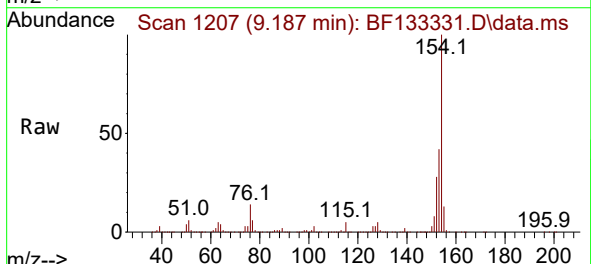
Manual Integrations
APPROVED

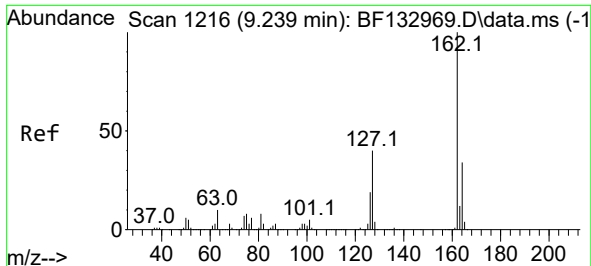
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#46
1,1'-Biphenyl
Concen: 44.443 ng
RT: 9.187 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

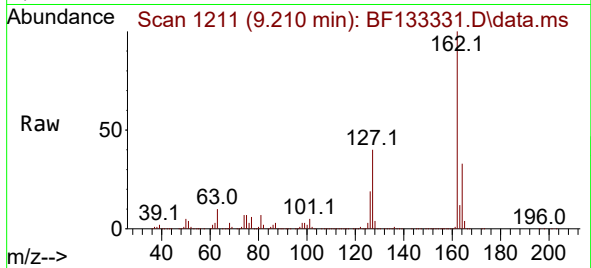
Tgt Ion:154 Resp: 1402855
Ion Ratio Lower Upper
154 100
153 41.5 21.0 61.0
76 14.0 0.0 34.5





#47
2-Chloronaphthalene
Concen: 46.263 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

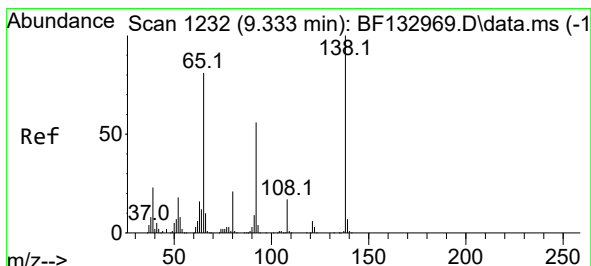
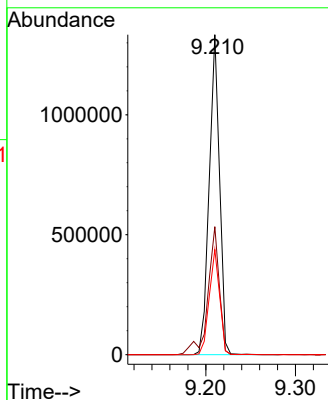
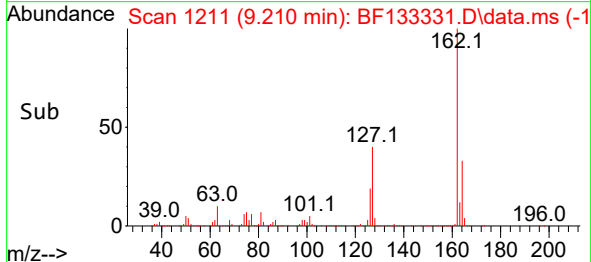
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



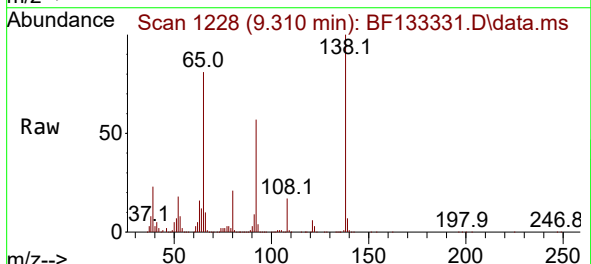
Tgt Ion:162 Resp: 1068838
Ion Ratio Lower Upper
162 100
127 40.0 32.3 48.5
164 32.8 26.8 40.2

Manual Integrations
APPROVED

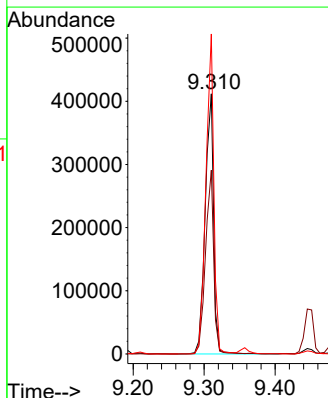
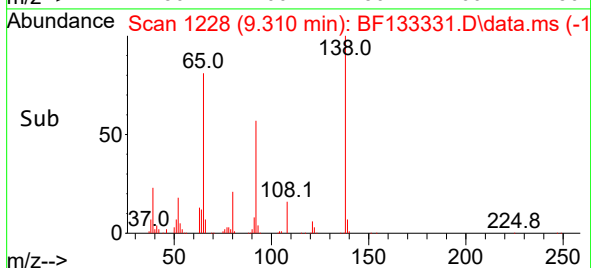
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

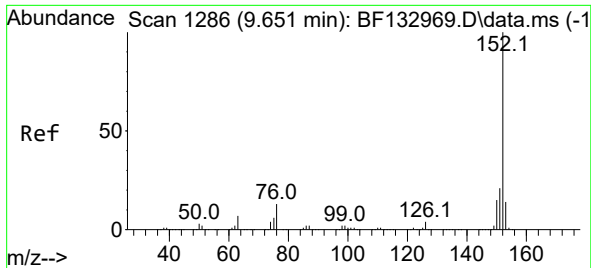


#48
2-Nitroaniline
Concen: 44.624 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26



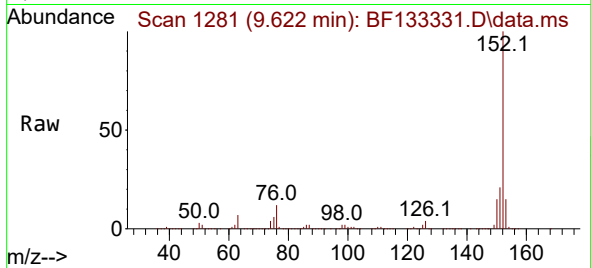
Tgt Ion: 65 Resp: 340731
Ion Ratio Lower Upper
65 100
92 70.7 55.4 83.0
138 123.0 98.2 147.2





#49
Acenaphthylene
Concen: 44.701 ng
RT: 9.622 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

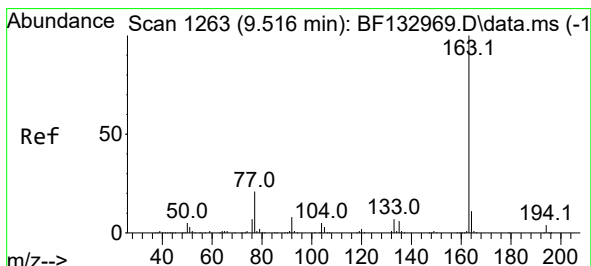
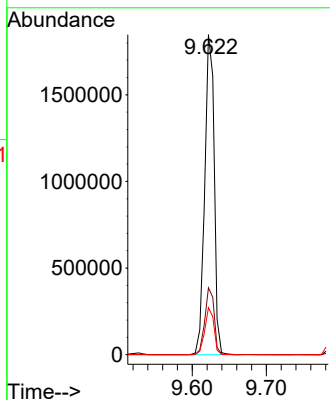
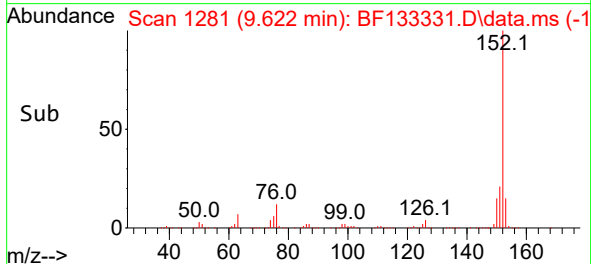
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion:152 Resp: 1650170
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8
153 14.7 11.5 17.3

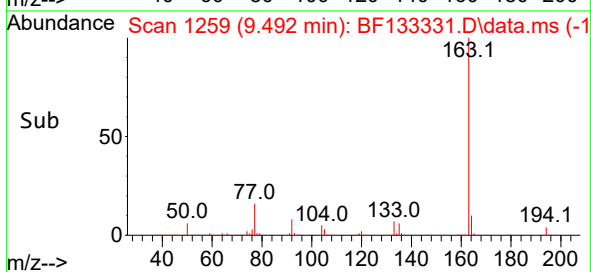
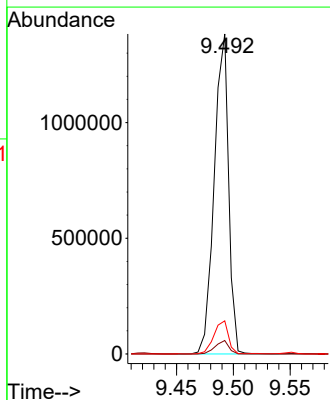
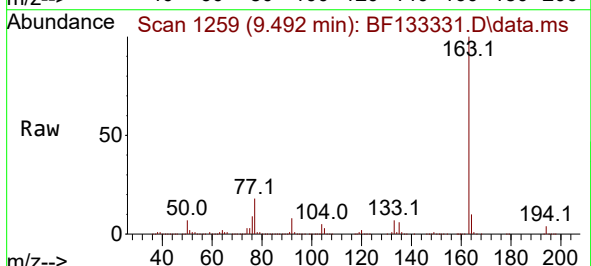
Manual Integrations
APPROVED

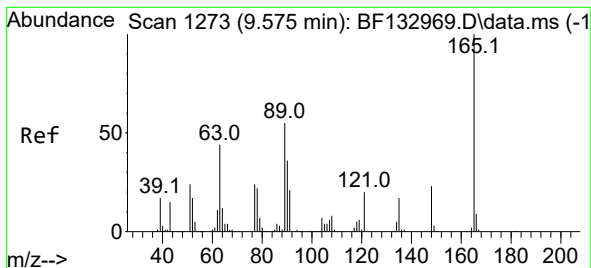
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#50
Dimethylphthalate
Concen: 43.858 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

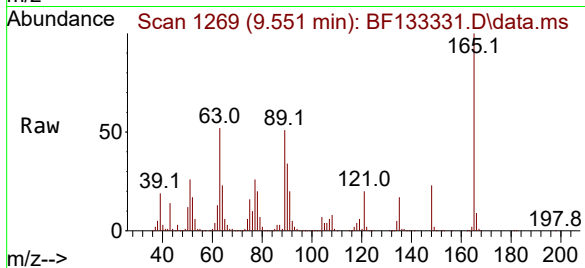
Tgt Ion:163 Resp: 1217358
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.3 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 45.029 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

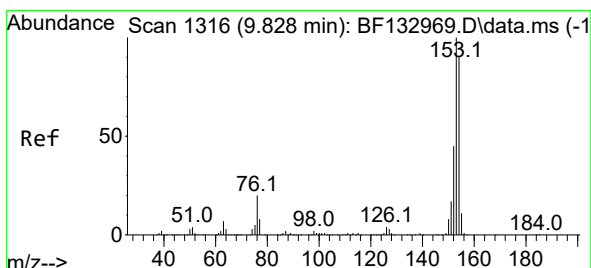
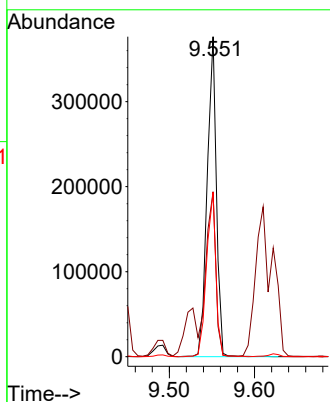
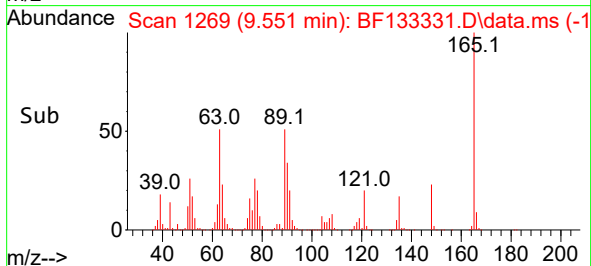
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion:165 Resp: 281308
Ion Ratio Lower Upper
165 100
63 51.5 45.9 68.9
89 51.4 44.0 66.0

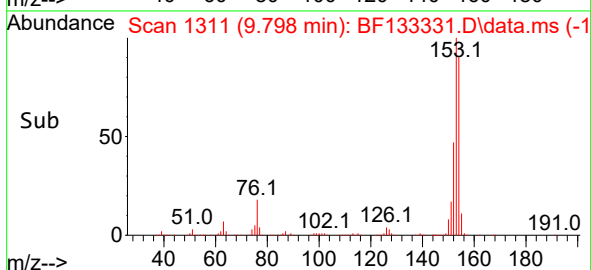
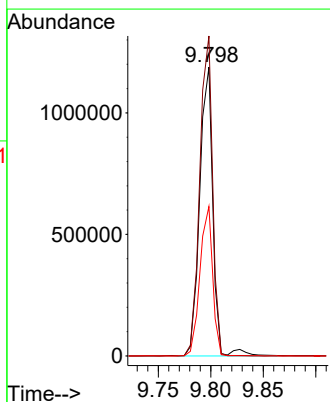
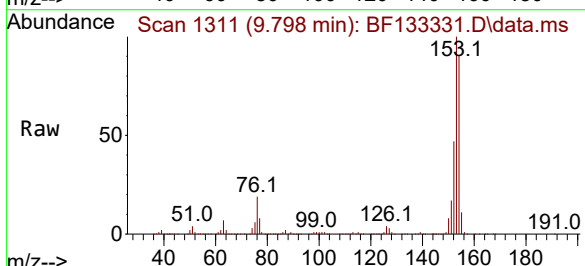
Manual Integrations
APPROVED

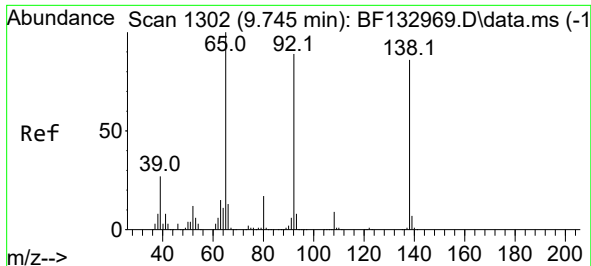
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#52
Acenaphthene
Concen: 41.804 ng m
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

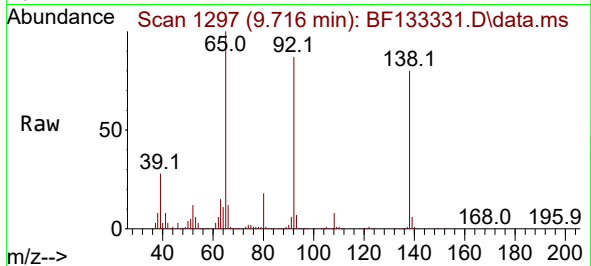
Tgt Ion:154 Resp: 1033601
Ion Ratio Lower Upper
154 100
153 110.8 89.0 133.6
152 51.8 40.4 60.6





#53
3-Nitroaniline
Concen: 30.655 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

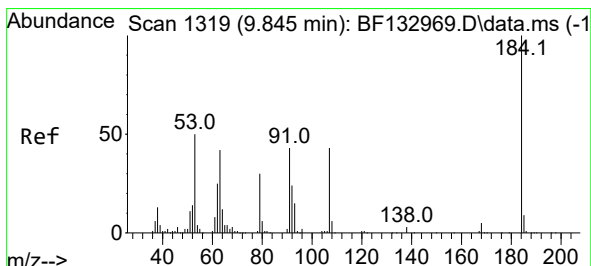
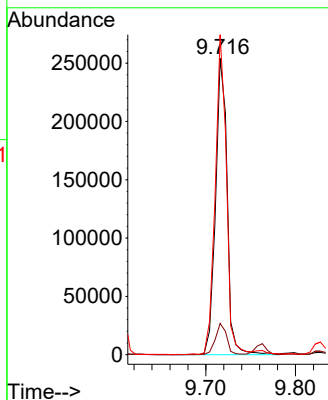
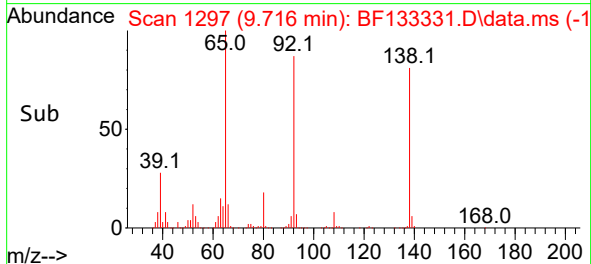
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion:138 Resp: 22771
Ion Ratio Lower Upper
138 100
108 10.5 8.0 12.0
92 108.0 83.6 125.4

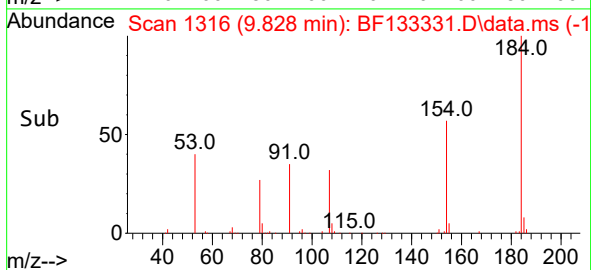
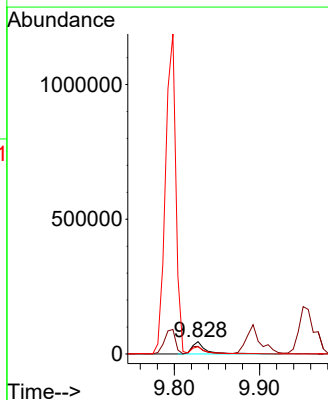
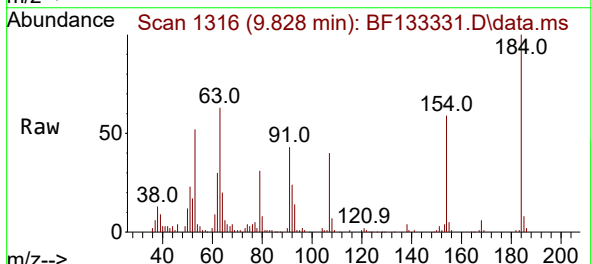
Manual Integrations
APPROVED

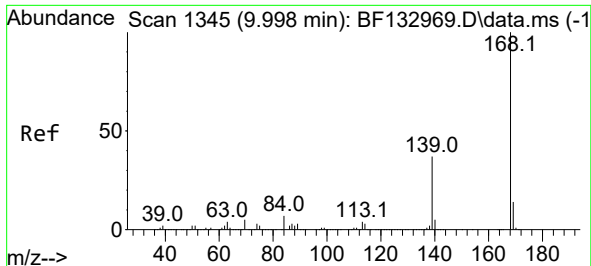
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#54
2,4-Dinitrophenol
Concen: 16.101 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

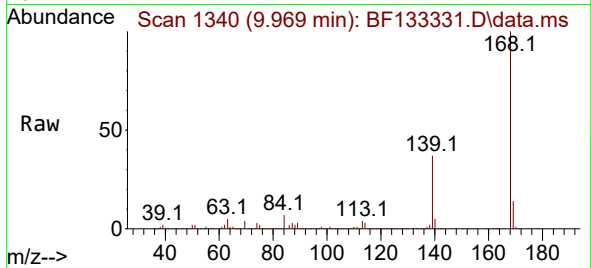
Tgt Ion:184 Resp: 50561
Ion Ratio Lower Upper
184 100
63 62.7 49.8 74.8
154 58.6 49.5 74.3





#55
Dibenzofuran
Concen: 43.694 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

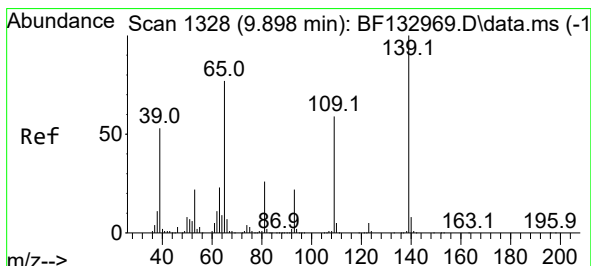
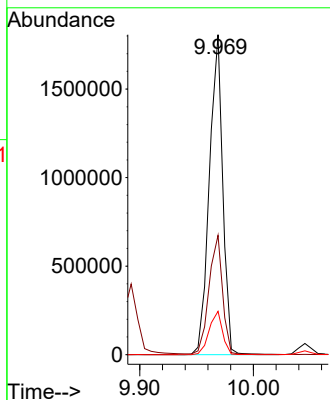
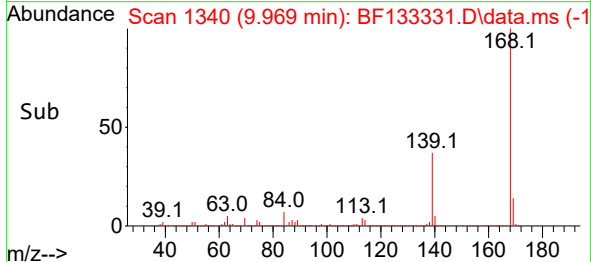
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion:168 Resp: 147366
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.8
169 13.5 10.8 16.2

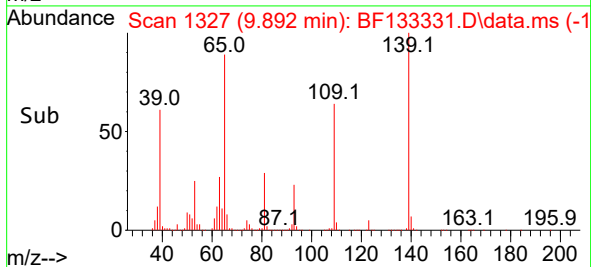
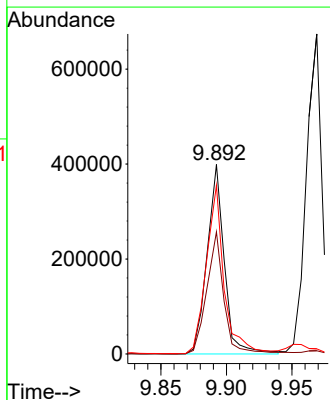
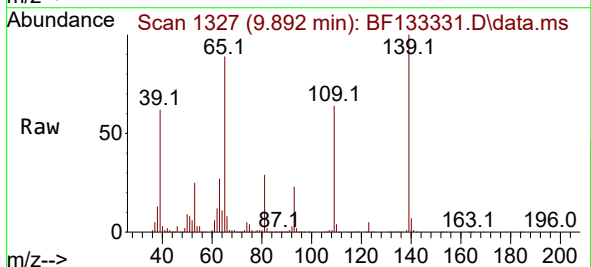
Manual Integrations
APPROVED

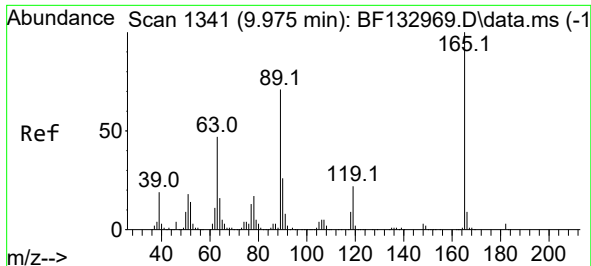
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#56
4-Nitrophenol
Concen: 63.583 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:139 Resp: 365813
Ion Ratio Lower Upper
139 100
109 64.4 39.4 79.4
65 89.0 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 45.188 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

Tgt Ion:165 Resp: 360020

Ion Ratio Lower Upper

165 100

63 39.0 37.7 56.5

89 60.1 57.0 85.4

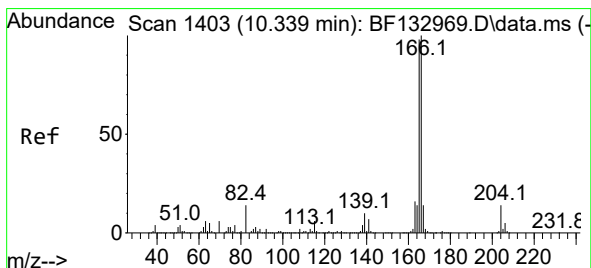
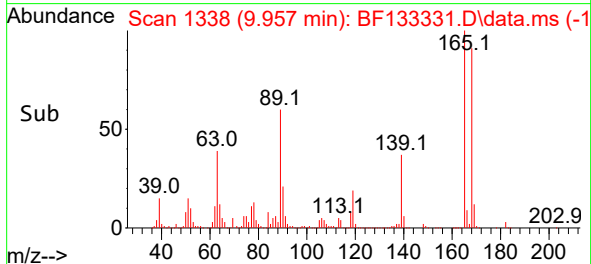
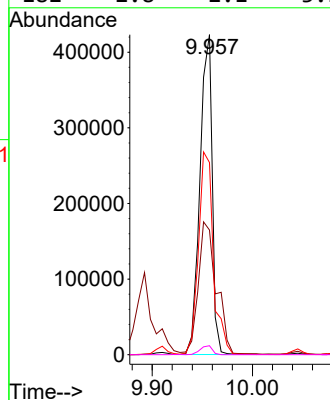
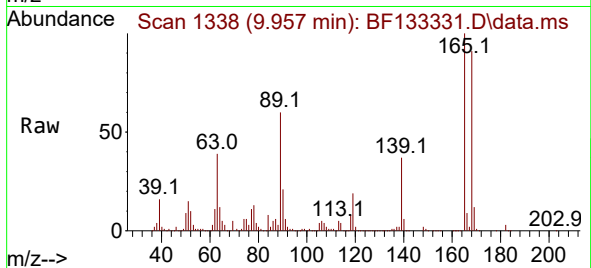
182 2.8 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#58

Fluorene

Concen: 43.665 ng

RT: 10.310 min Scan# 1398

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

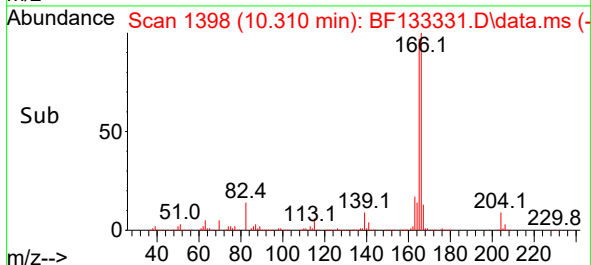
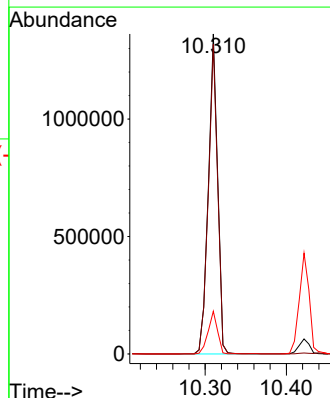
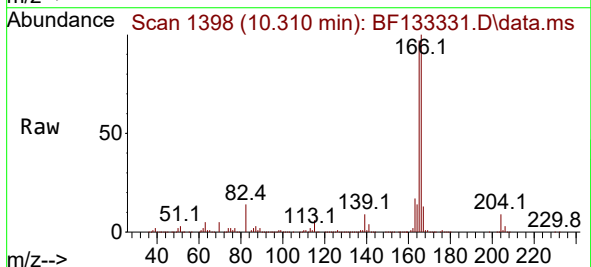
Tgt Ion:166 Resp: 1078942

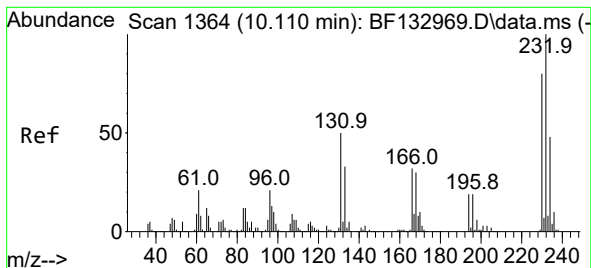
Ion Ratio Lower Upper

166 100

165 96.7 78.6 117.8

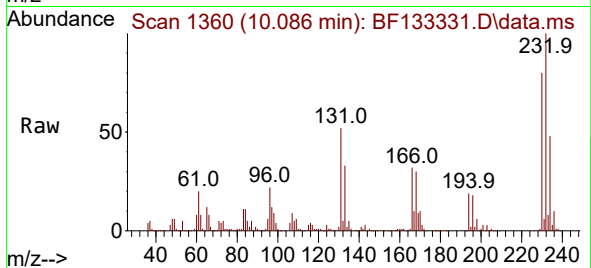
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 34.016 ng
RT: 10.086 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

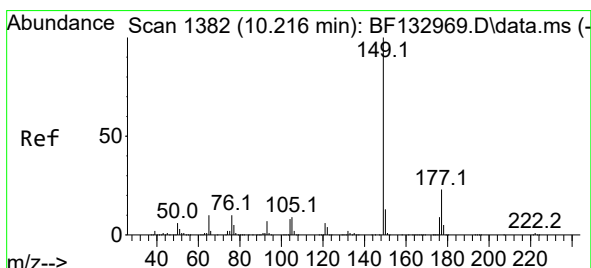
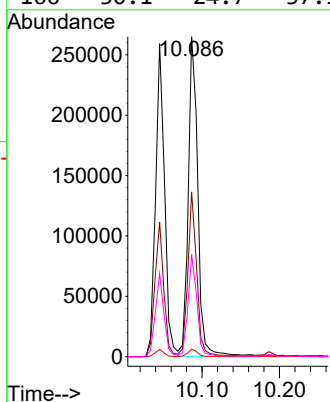
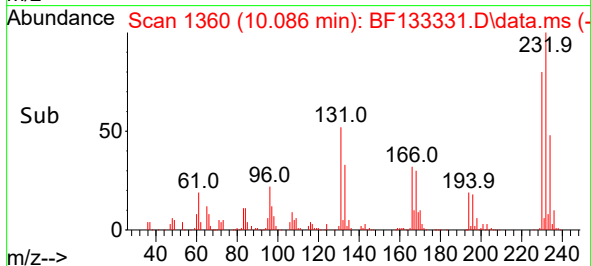
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



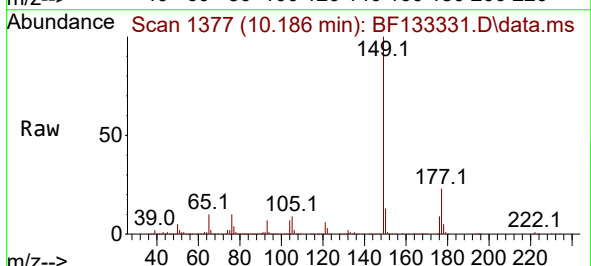
Tgt Ion:232 Resp: 225748
Ion Ratio Lower Upper
232 100
131 47.5 38.0 57.0
130 2.5 1.8 2.8
166 30.1 24.7 37.1

Manual Integrations
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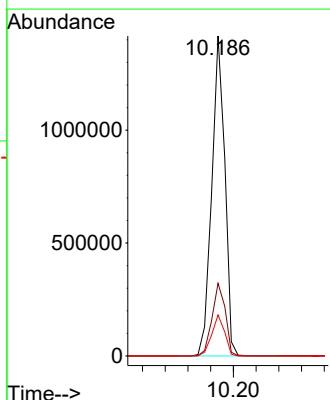
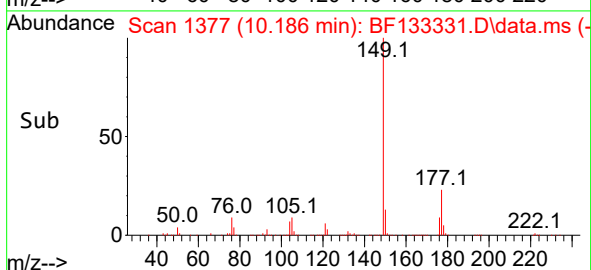
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

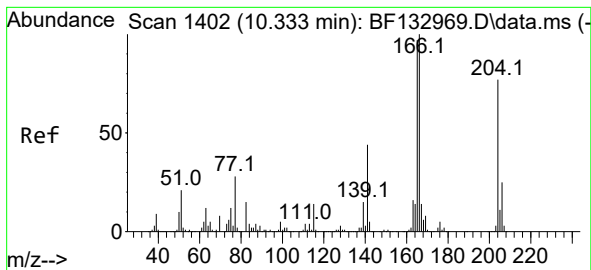


#60
Diethylphthalate
Concen: 43.060 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26



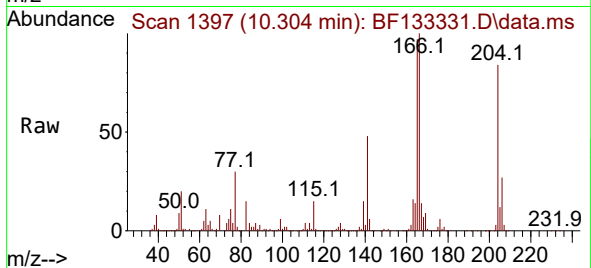
Tgt Ion:149 Resp: 1128934
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.4
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.841 ng
RT: 10.304 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

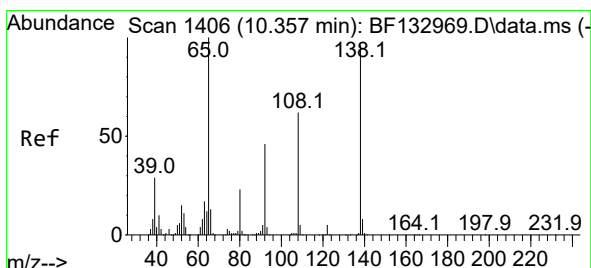
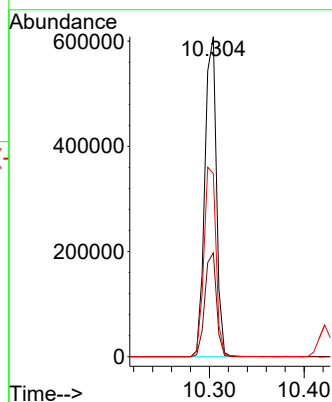
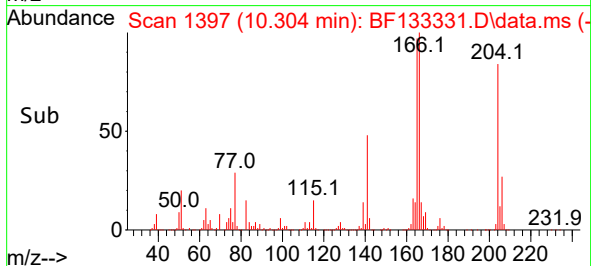
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



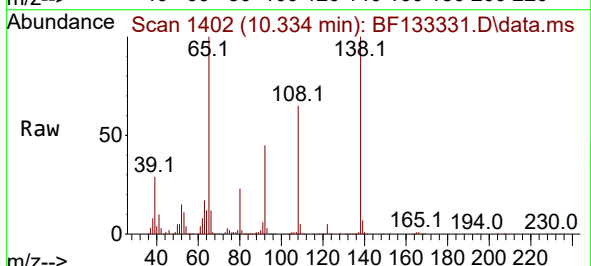
Tgt Ion:204 Resp: 515869
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 57.2 46.1 69.1

Manual Integrations
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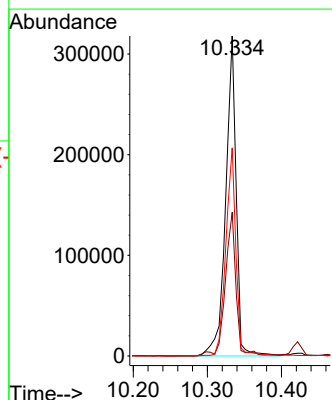
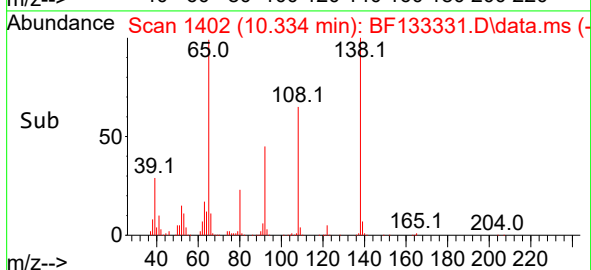
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

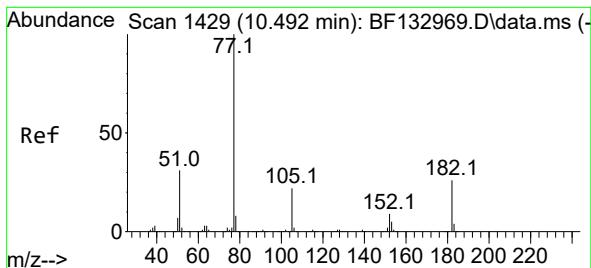


#62
4-Nitroaniline
Concen: 45.905 ng
RT: 10.334 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26



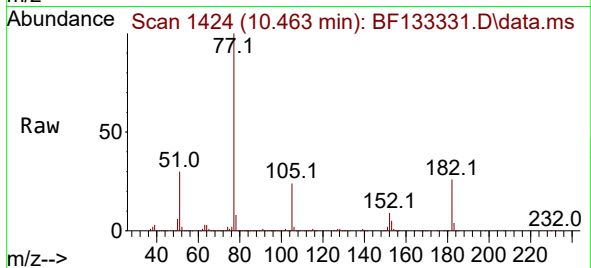
Tgt Ion:138 Resp: 313404
Ion Ratio Lower Upper
138 100
92 44.9 27.7 67.7
108 65.0 45.2 85.2





#63
Azobenzene
Concen: 43.407 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

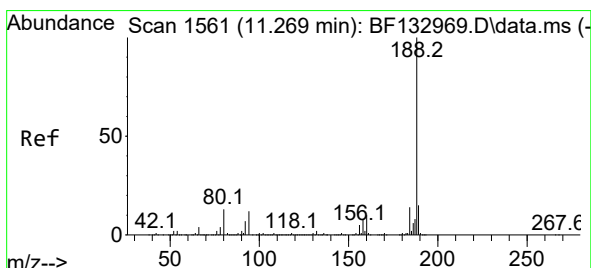
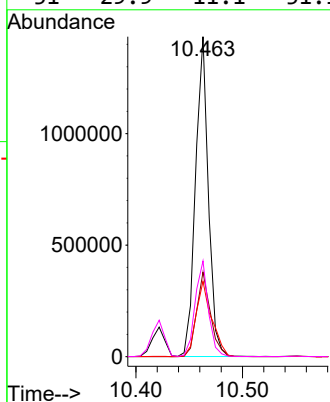
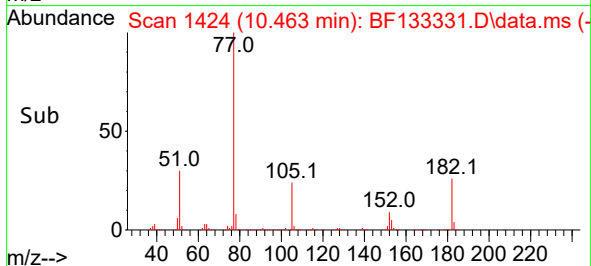
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion: 77 Resp: 120557
Ion Ratio Lower Upper
77 100
182 26.5 5.9 45.9
105 23.6 2.3 42.3
51 29.9 11.1 51.1

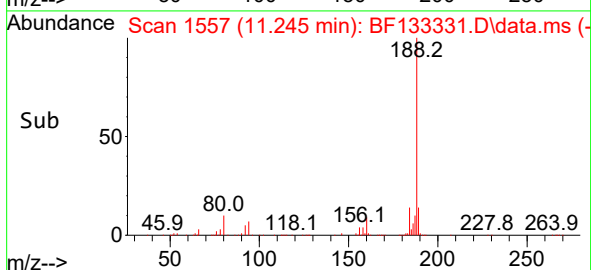
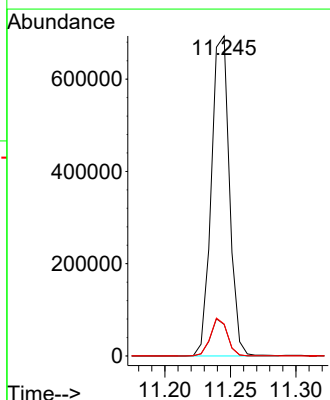
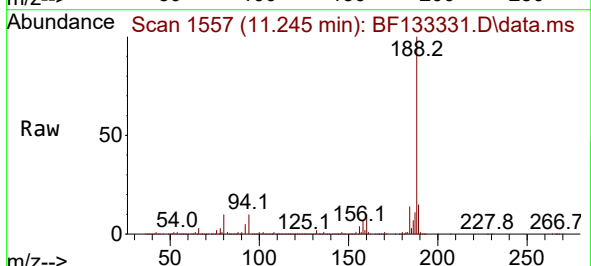
Manual Integrations
APPROVED

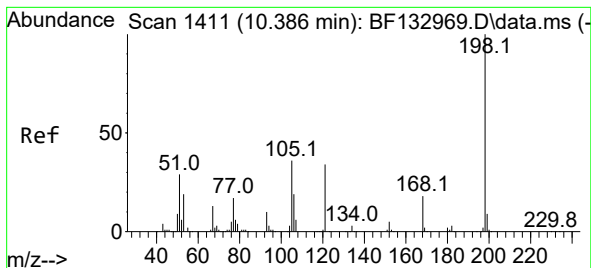
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:188 Resp: 665484
Ion Ratio Lower Upper
188 100
94 9.8 9.7 14.5
80 10.0 10.4 15.6#





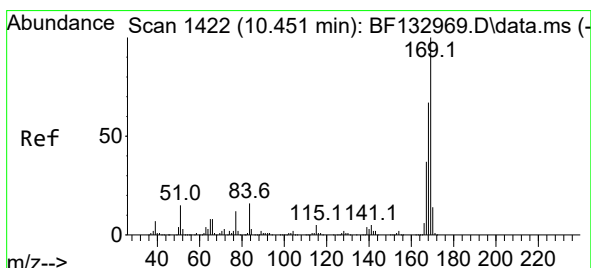
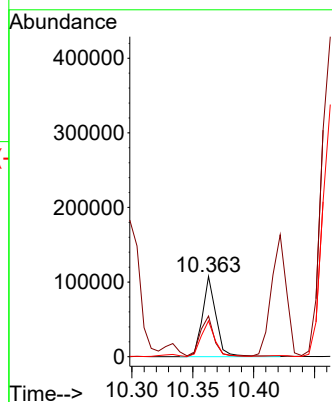
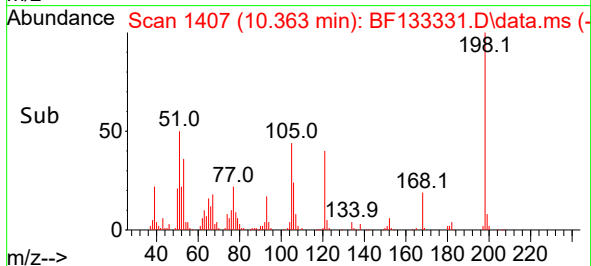
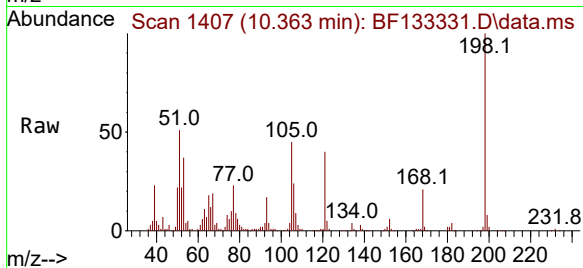
#65
4,6-Dinitro-2-methylphenol
Concen: 20.591 ng
RT: 10.363 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS

Tgt Ion:198 Resp: 83058
Ion Ratio Lower Upper
198 100
51 50.7 15.5 55.5
105 44.6 16.7 56.7

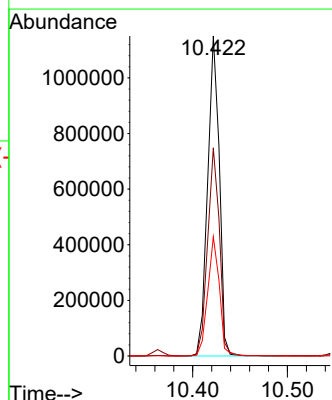
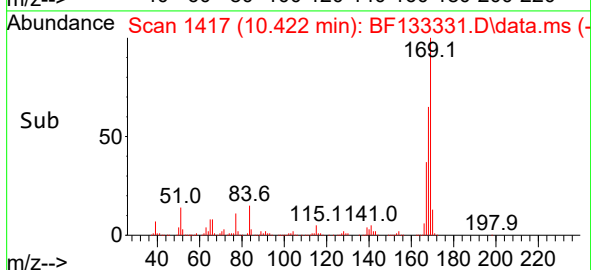
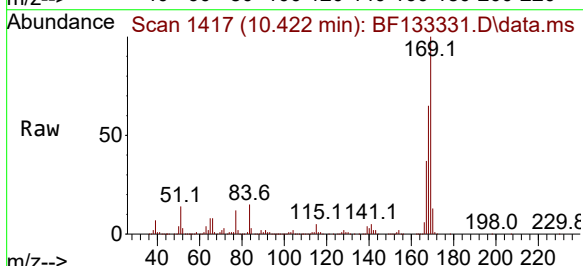
Manual Integrations
APPROVED

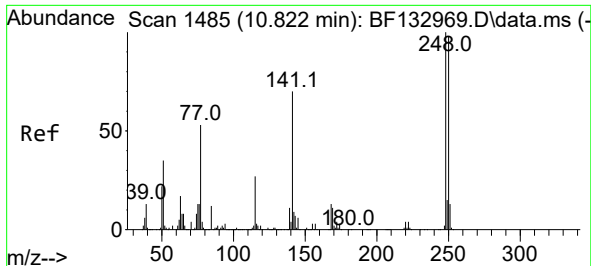
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#66
n-Nitrosodiphenylamine
Concen: 45.486 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

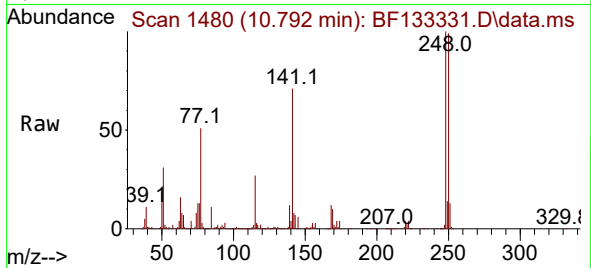
Tgt Ion:169 Resp: 981896
Ion Ratio Lower Upper
169 100
168 65.1 53.8 80.8
167 37.3 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 43.987 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

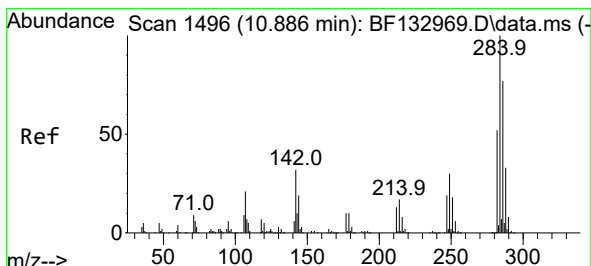
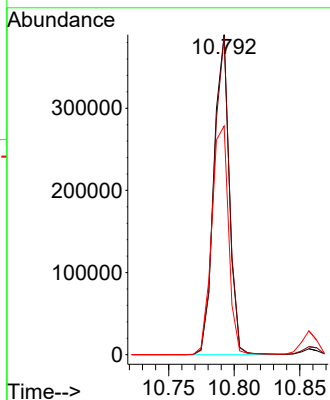
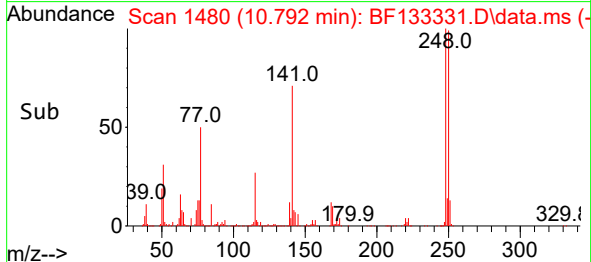
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion:248 Resp: 317479
Ion Ratio Lower Upper
248 100
250 99.4 78.7 118.1
141 71.4 56.3 84.5

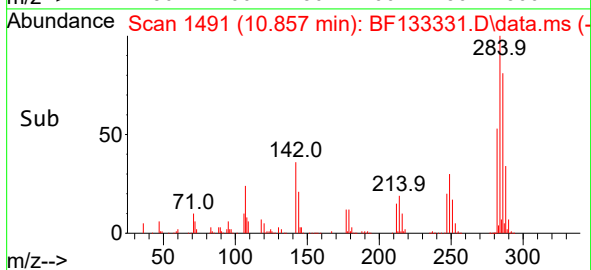
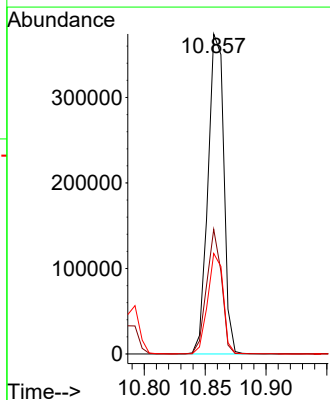
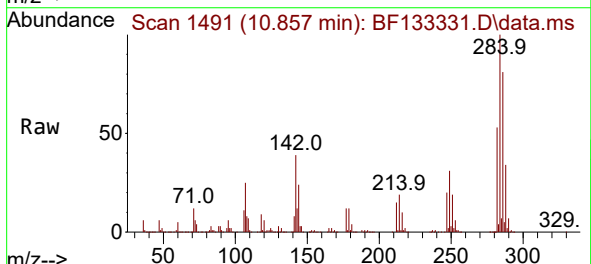
Manual Integrations
APPROVED

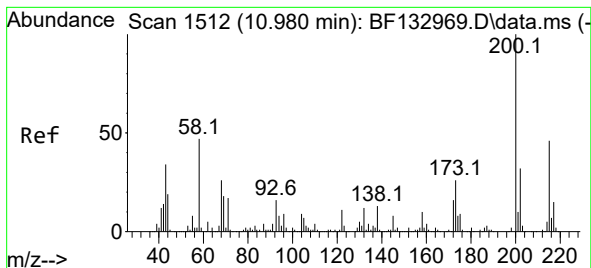
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#68
Hexachlorobenzene
Concen: 45.886 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:284 Resp: 339358
Ion Ratio Lower Upper
284 100
142 39.0 26.0 39.0
249 31.4 23.7 35.5





#69

Atrazine

Concen: 50.315 ng

RT: 10.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

Tgt Ion:200 Resp: 31296

Ion Ratio Lower Upper

200 100

173 28.1 6.2 46.2

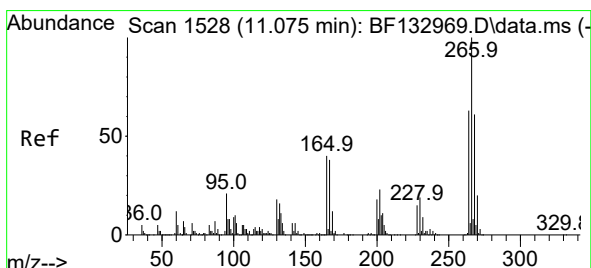
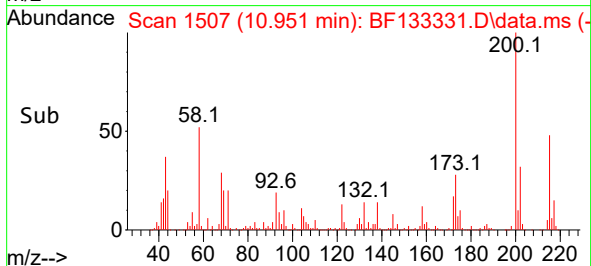
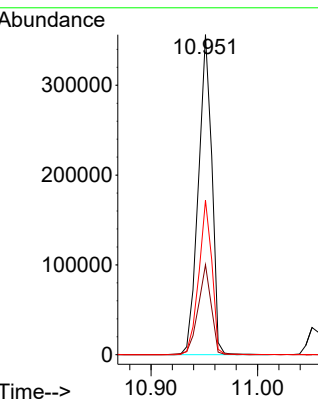
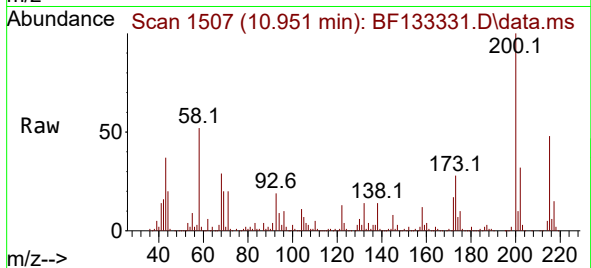
215 48.3 26.3 66.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#70

Pentachlorophenol

Concen: 34.520 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

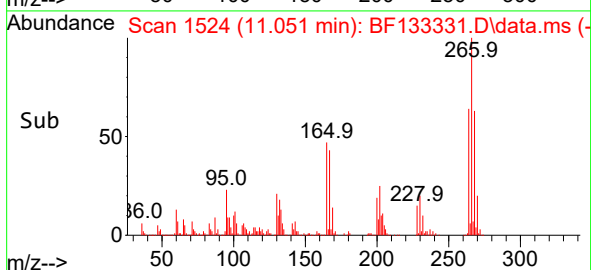
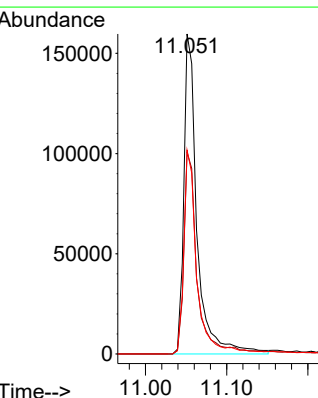
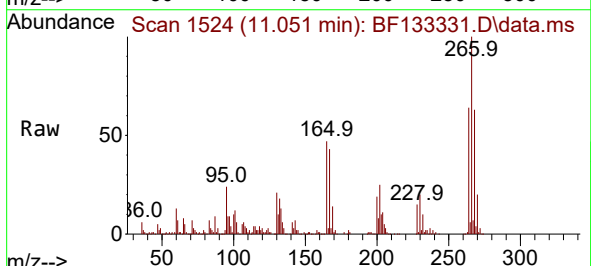
Tgt Ion:266 Resp: 181825

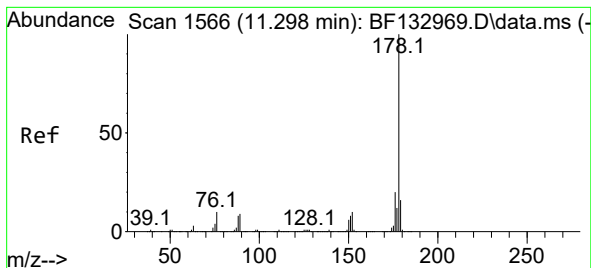
Ion Ratio Lower Upper

266 100

268 63.1 48.8 73.2

264 63.7 50.6 76.0





#71

Phenanthrene

Concen: 44.197 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

Tgt Ion:178 Resp: 1580829

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

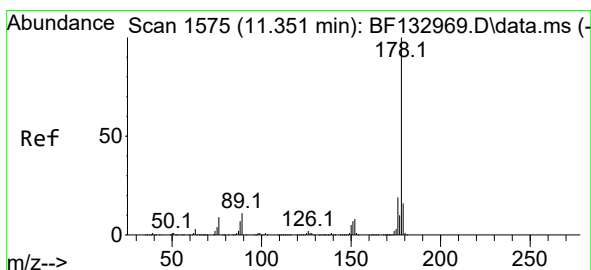
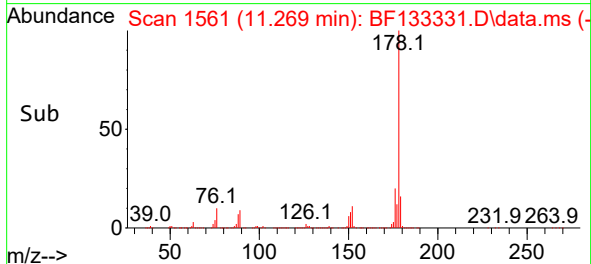
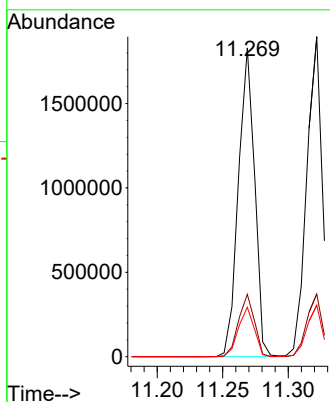
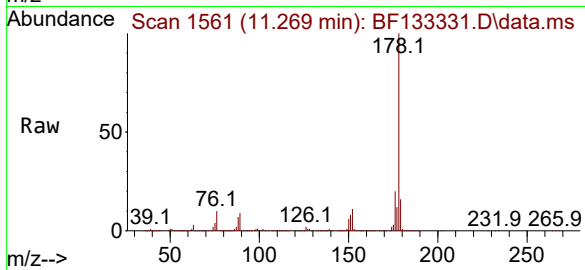
179 16.0 12.5 18.7

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Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#72

Anthracene

Concen: 43.236 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

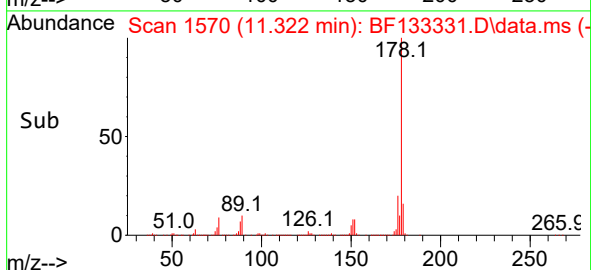
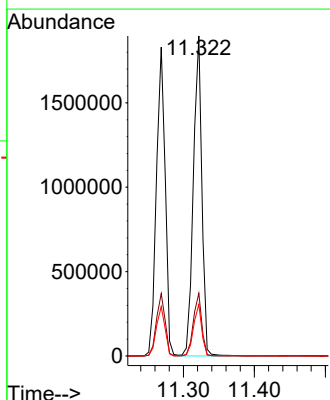
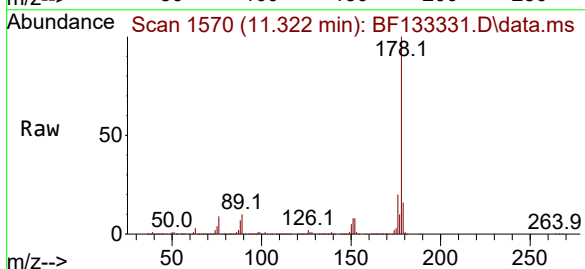
Tgt Ion:178 Resp: 1582639

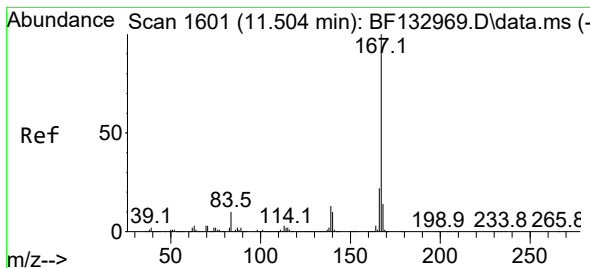
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 16.1 12.4 18.6





#73

Carbazole

Concen: 43.373 ng

RT: 11.475 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

Tgt Ion:167 Resp: 1413689

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

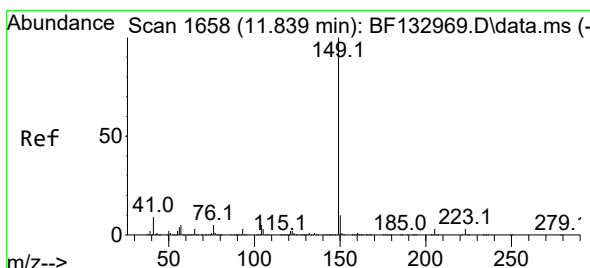
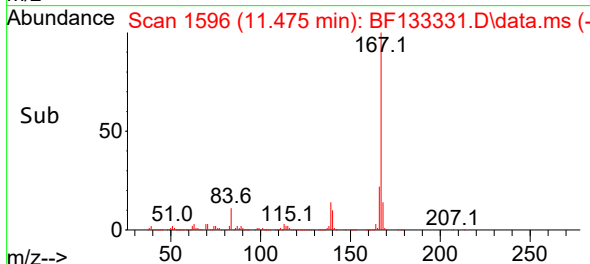
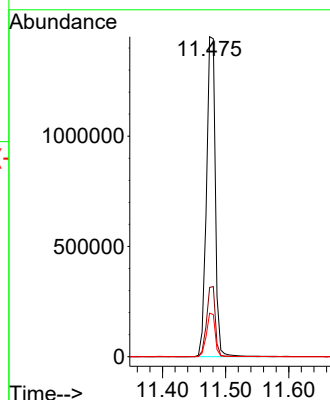
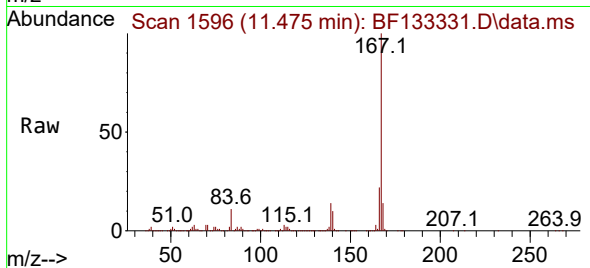
139 13.6 10.6 16.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#74

Di-n-butylphthalate

Concen: 44.336 ng

RT: 11.810 min Scan# 1653

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

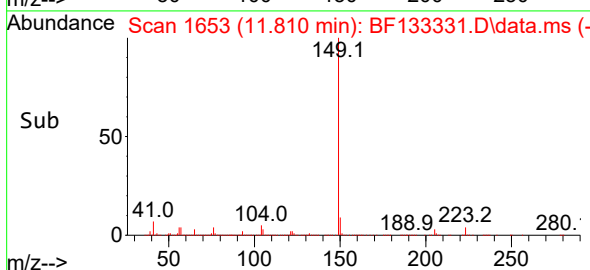
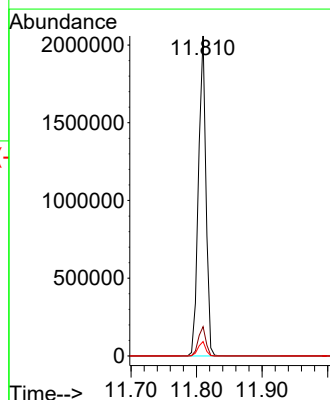
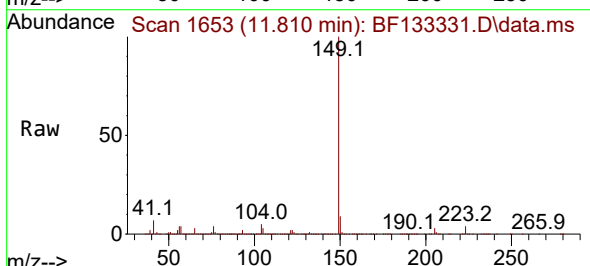
Tgt Ion:149 Resp: 1635332

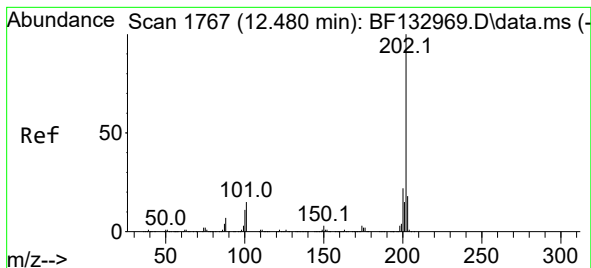
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

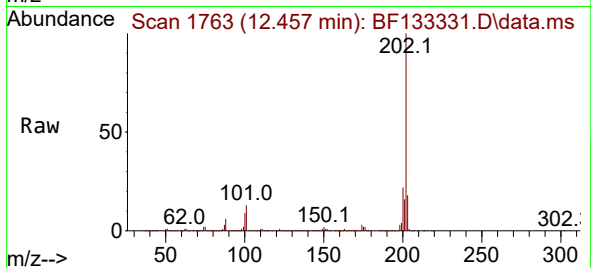
104 4.5 4.0 6.0





#75
Fluoranthene
Concen: 39.028 ng
RT: 12.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

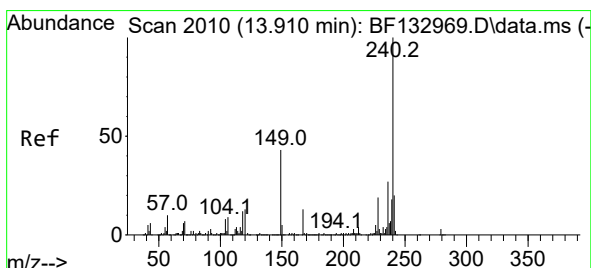
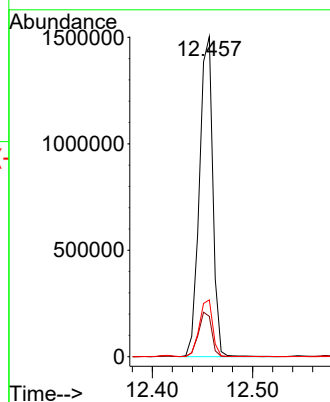
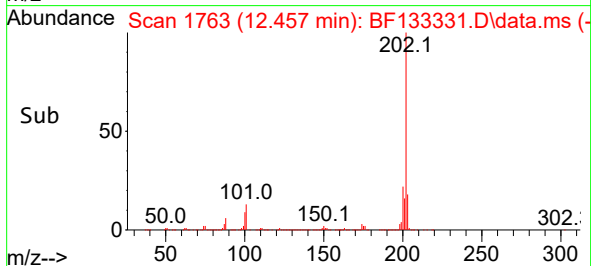
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



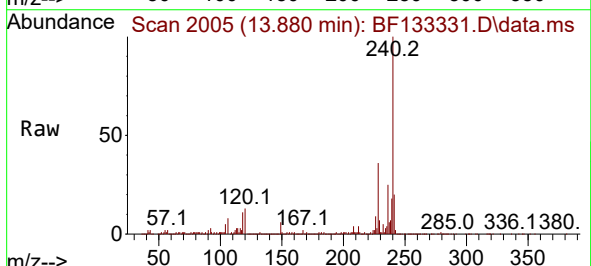
Tgt Ion:202 Resp: 1401000
Ion Ratio Lower Upper
202 100
101 12.6 0.0 35.3
203 17.8 0.0 38.1

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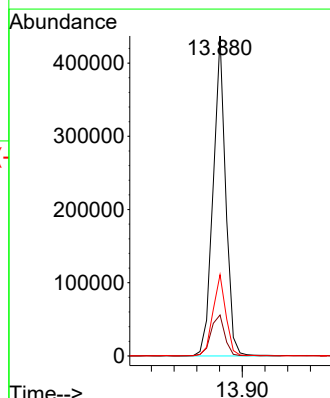
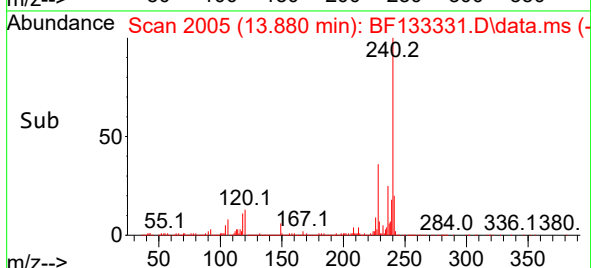
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

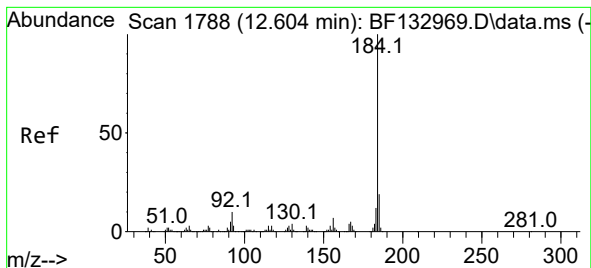


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26



Tgt Ion:240 Resp: 334651
Ion Ratio Lower Upper
240 100
120 12.8 10.5 15.7
236 25.4 21.5 32.3





#77

Benzidine

Concen: 111.620 ng

RT: 12.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

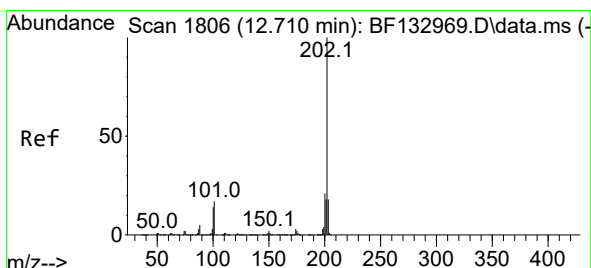
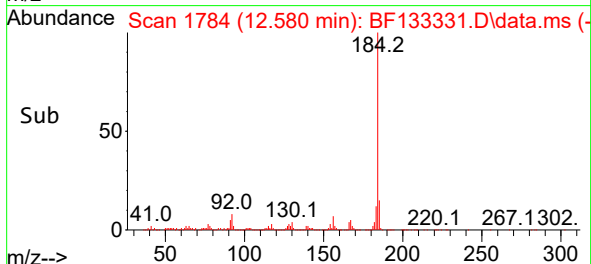
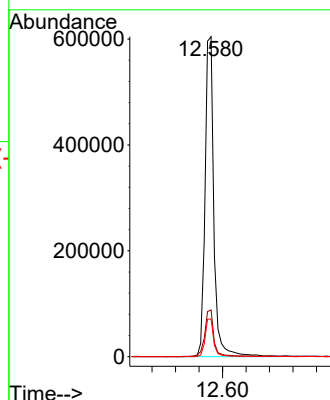
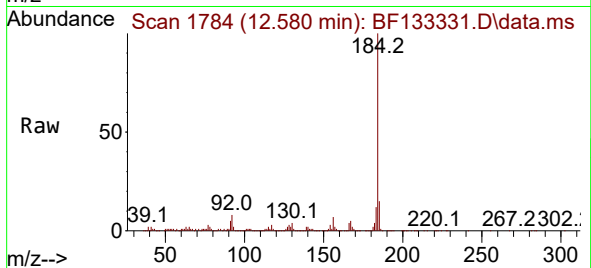
Tgt Ion:184	Resp: 63167
Ion Ratio	Lower Upper
184	100
185	14.6 15.4 23.2
183	11.8 9.4 14.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#78

Pyrene

Concen: 48.808 ng

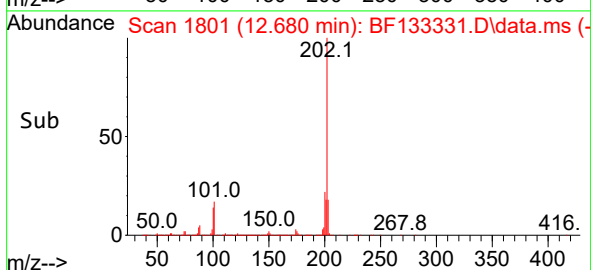
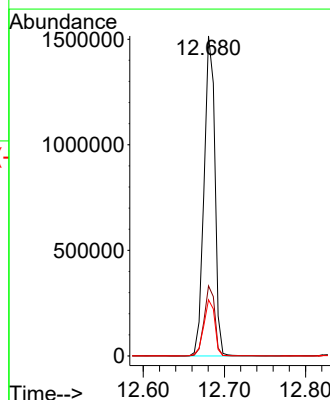
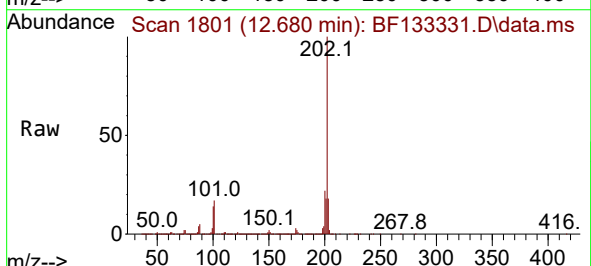
RT: 12.680 min Scan# 1801

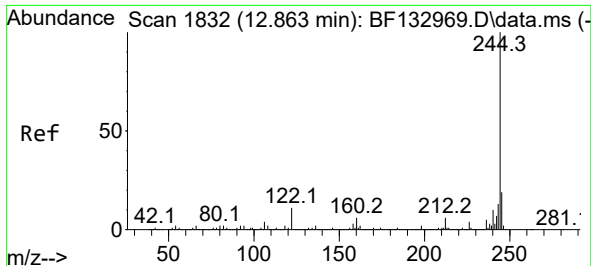
Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

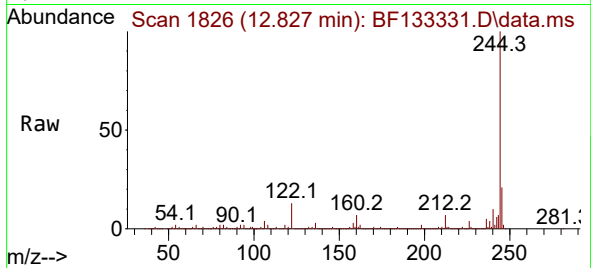
Tgt Ion:202	Resp: 1400174
Ion Ratio	Lower Upper
202	100
200	21.9 17.1 25.7
203	17.6 14.1 21.1





#79
Terphenyl-d14
Concen: 85.588 ng
RT: 12.827 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

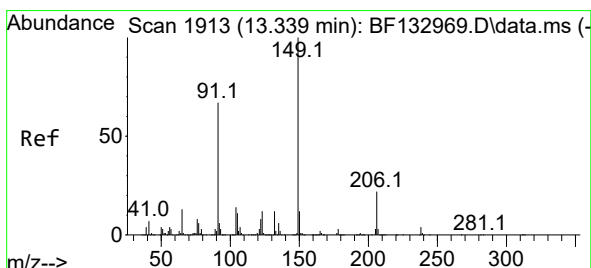
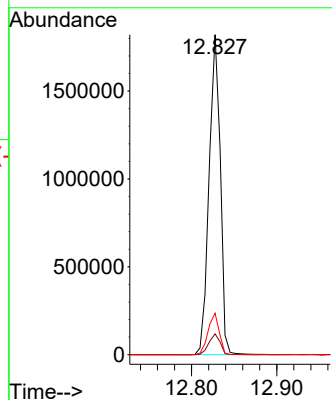
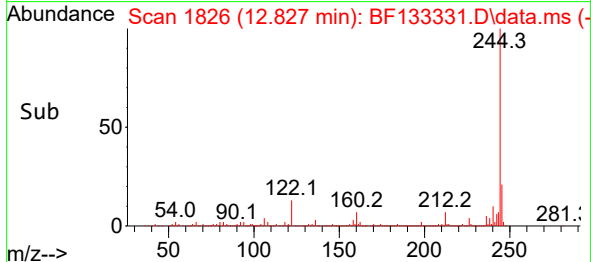
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion:244 Resp: 1660734
Ion Ratio Lower Upper
244 100
212 6.5 5.1 7.7
122 12.9 8.6 13.0

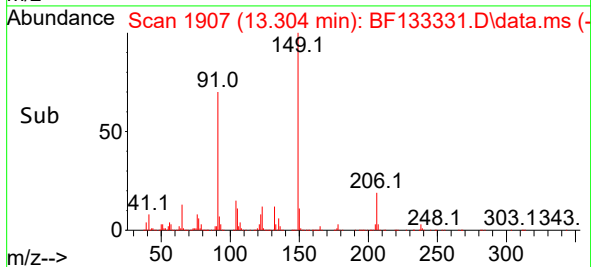
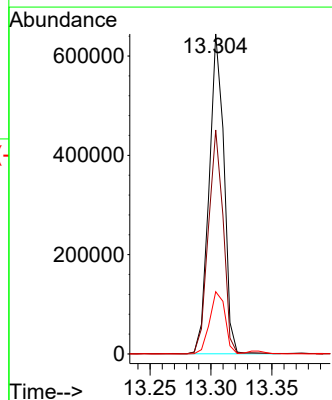
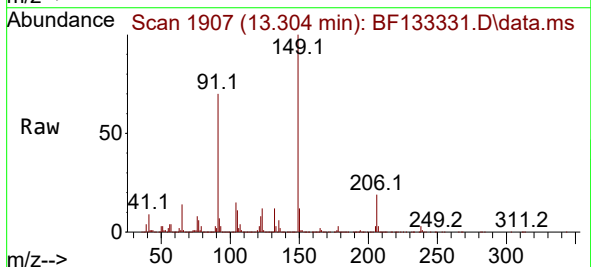
Manual Integrations
APPROVED

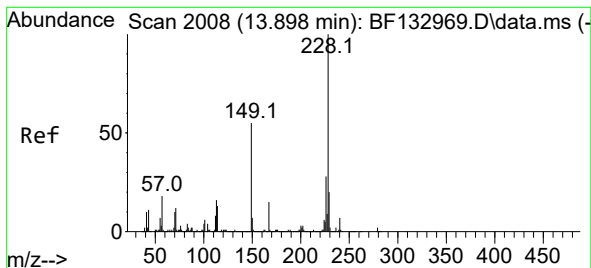
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#80
Butylbenzylphthalate
Concen: 53.859 ng
RT: 13.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:149 Resp: 547065
Ion Ratio Lower Upper
149 100
91 70.0 53.8 80.6
206 19.5 17.5 26.3





#81

Benzo(a)anthracene

Concen: 44.574 ng

RT: 13.869 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

Tgt Ion:228 Resp: 1025779

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.4

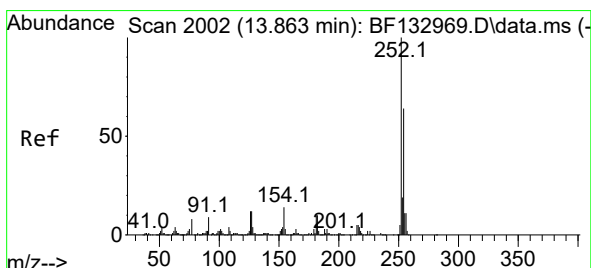
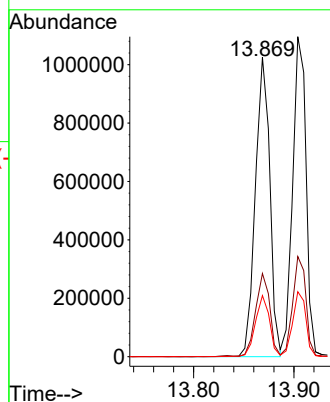
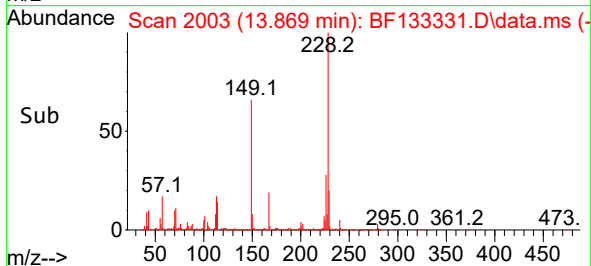
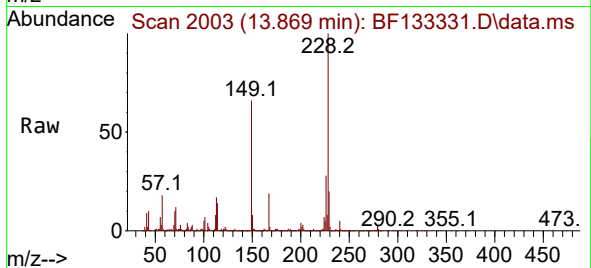
229 20.4 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#82

3,3'-Dichlorobenzidine

Concen: 26.381 ng

RT: 13.833 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

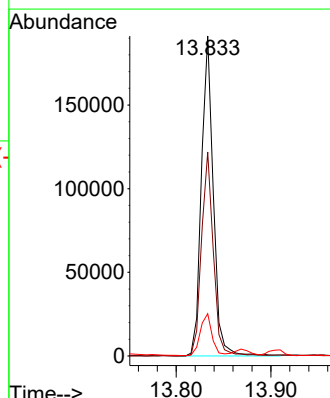
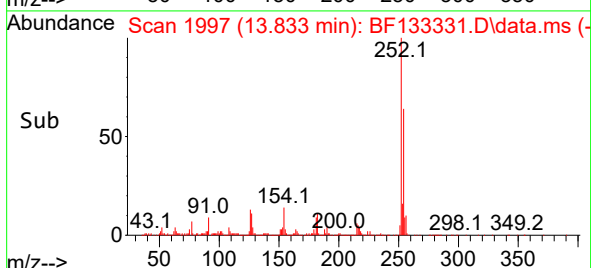
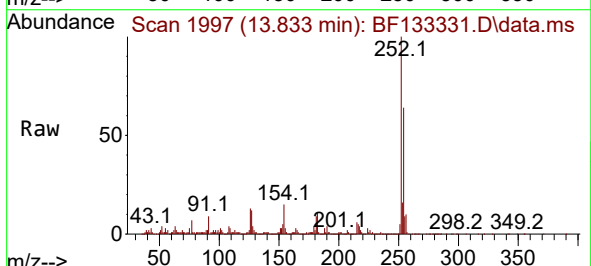
Tgt Ion:252 Resp: 167710

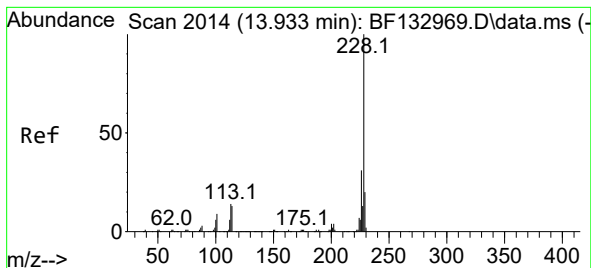
Ion Ratio Lower Upper

252 100

254 63.8 51.5 77.3

126 13.2 9.5 14.3





#83

Chrysene

Concen: 44.213 ng

RT: 13.904 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

Tgt Ion:228 Resp: 101721

Ion Ratio Lower Upper

228 100

226 31.3 24.7 37.1

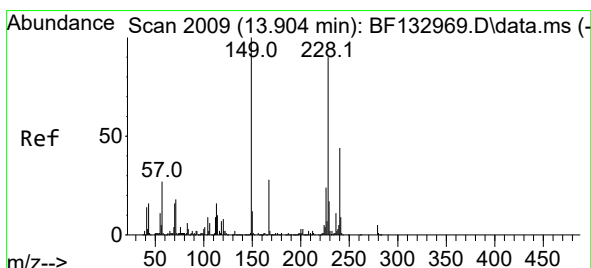
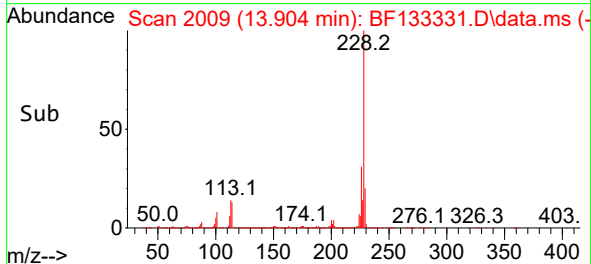
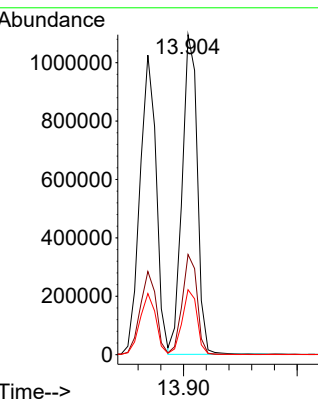
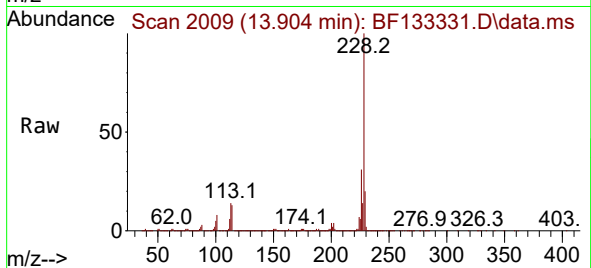
229 20.3 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.244 ng

RT: 13.869 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

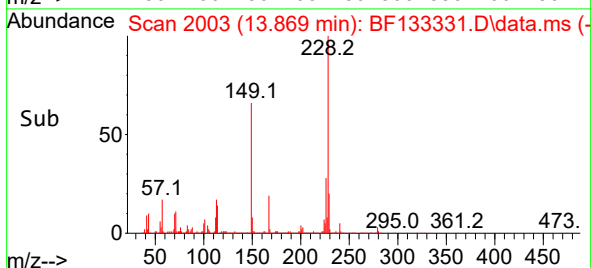
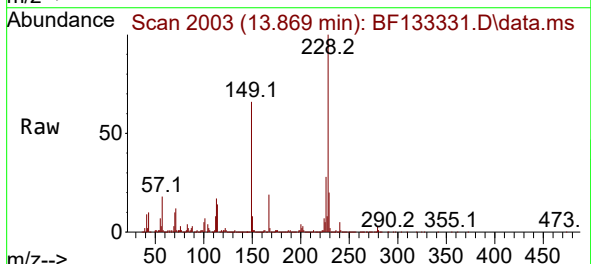
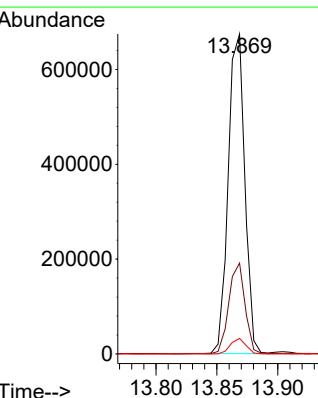
Tgt Ion:149 Resp: 640588

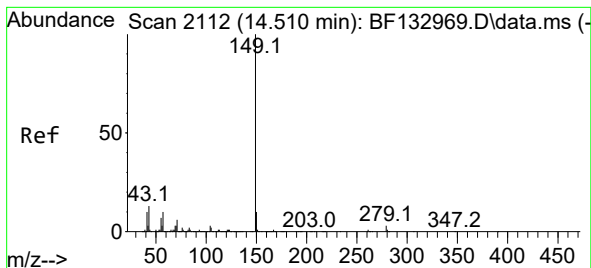
Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

279 4.8 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 60.852 ng

RT: 14.480 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

Tgt Ion:149 Resp: 1265034

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

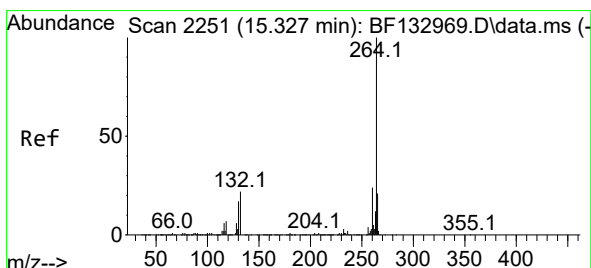
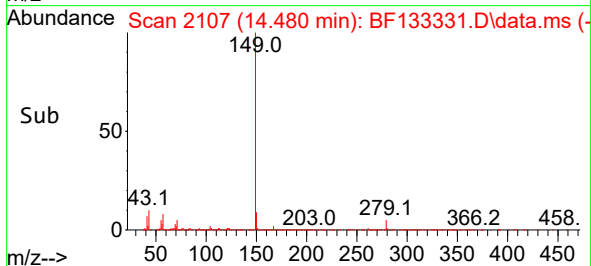
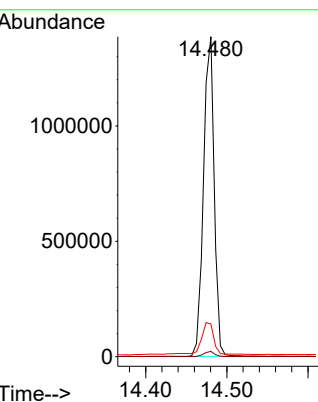
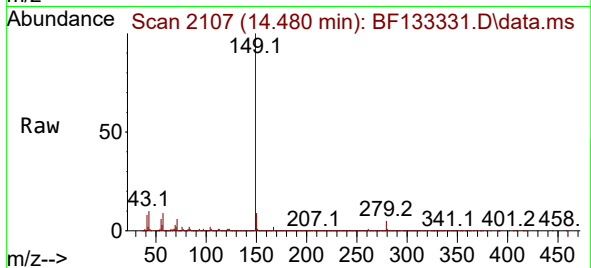
43 13.3 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. 0.006 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

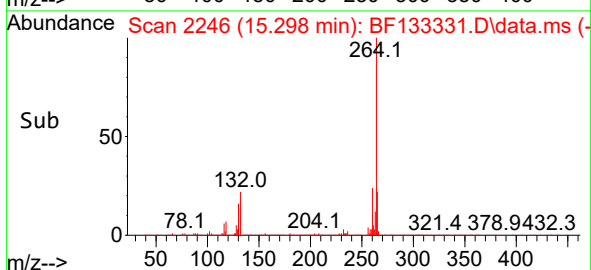
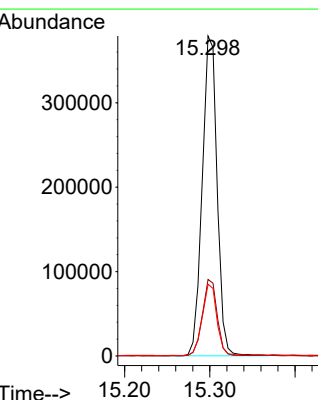
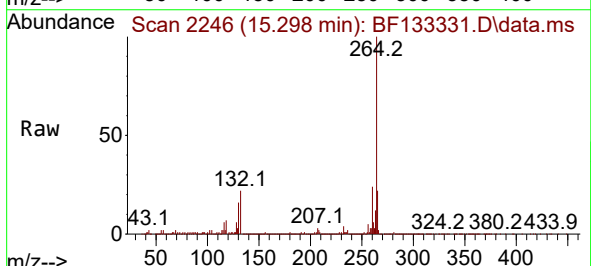
Tgt Ion:264 Resp: 462458

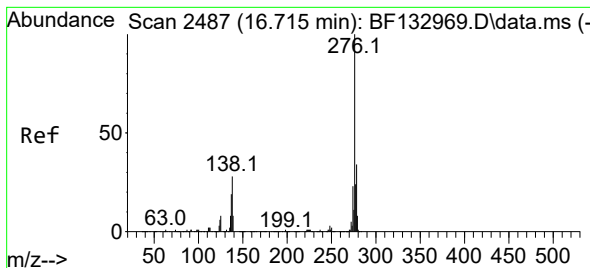
Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 59.297 ng

RT: 16.692 min Scan# 2487

Delta R.T. 0.018 min

Lab File: BF133331.D

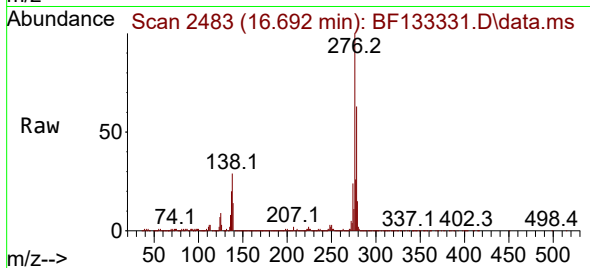
Acq: 10 May 2023 15:26

Instrument :

BNF

ClientSampleId :

SB-04_0-2_20230509MS



Tgt Ion:276 Resp: 155982

Ion Ratio Lower Upper

276 100

138 30.4 25.5 38.3

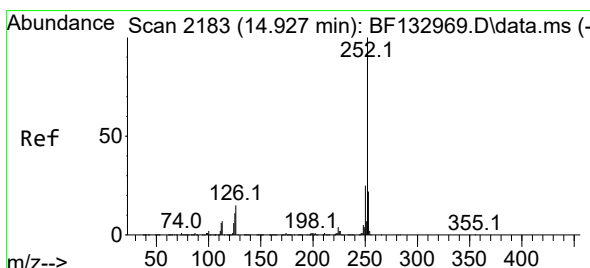
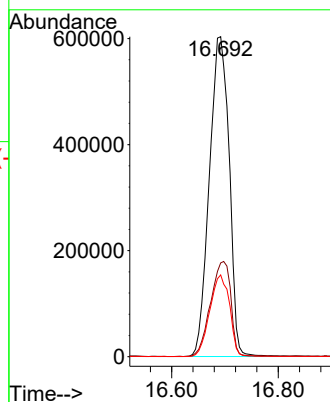
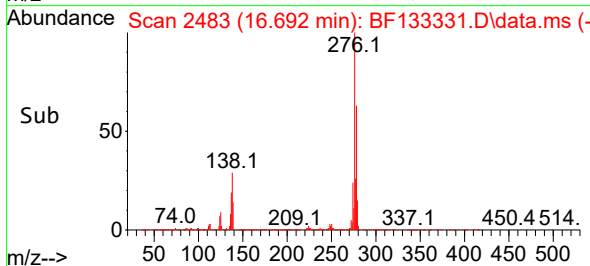
277 25.3 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#88

Benzo(b)fluoranthene

Concen: 41.993 ng

RT: 14.898 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

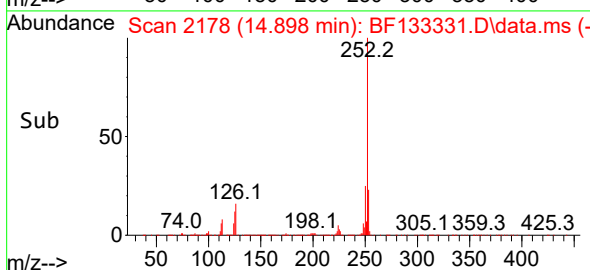
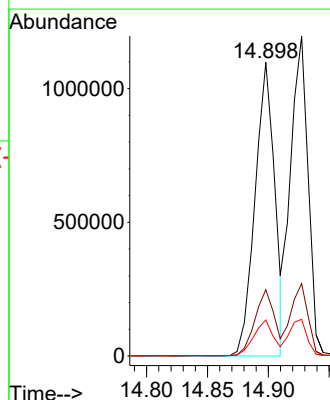
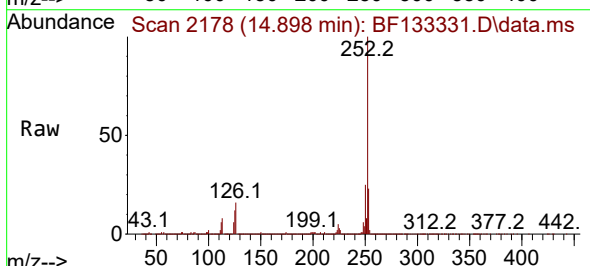
Tgt Ion:252 Resp: 1235482

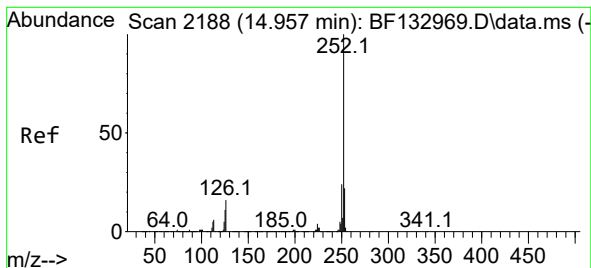
Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 12.3 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 40.843 ng

RT: 14.927 min Scan# 2188

Delta R.T. 0.006 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

Instrument :

BNA_F

ClientSampleId :

SB-04_0-2_20230509MS

Tgt Ion:252 Resp: 1191162

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

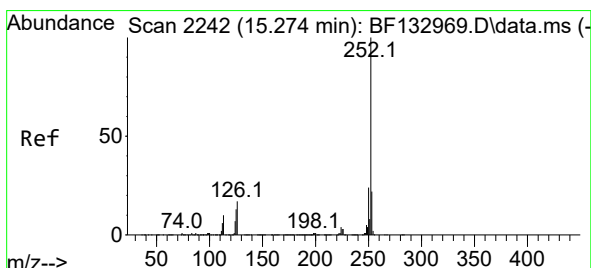
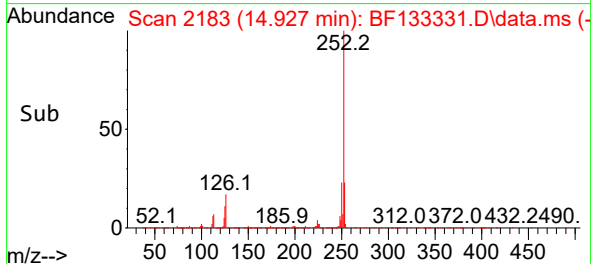
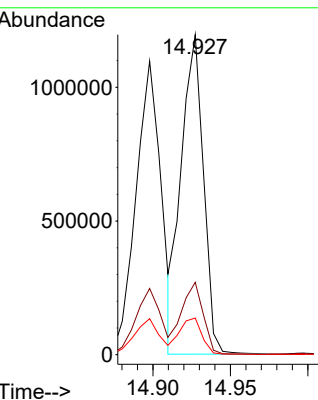
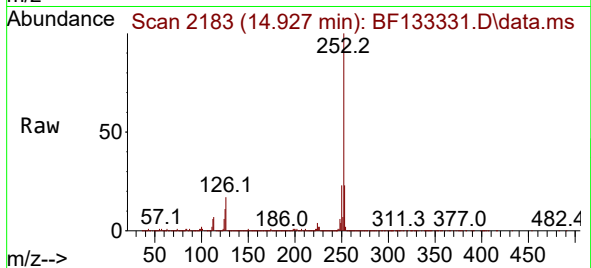
125 11.4 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#90

Benzo(a)pyrene

Concen: 42.912 ng

RT: 15.245 min Scan# 2237

Delta R.T. 0.006 min

Lab File: BF133331.D

Acq: 10 May 2023 15:26

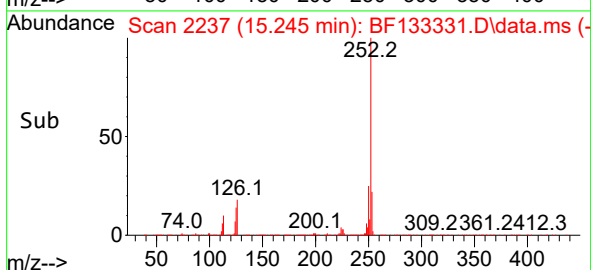
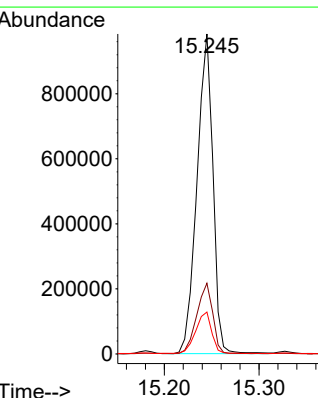
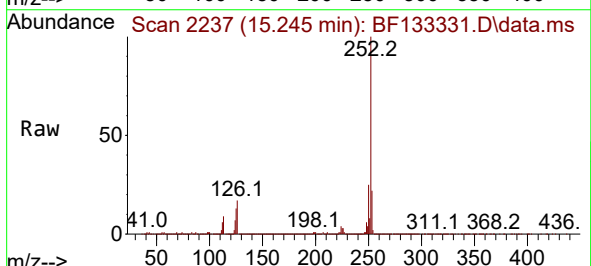
Tgt Ion:252 Resp: 1149159

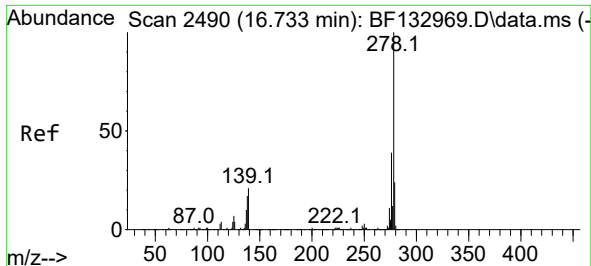
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

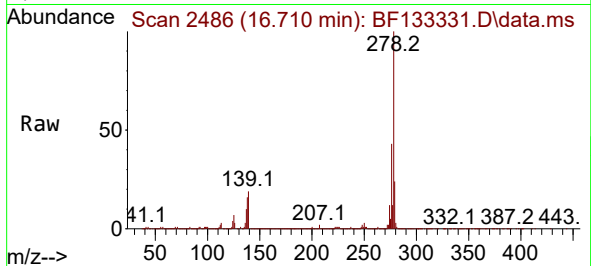
125 13.1 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 58.642 ng
RT: 16.710 min Scan# 2486
Delta R.T. 0.018 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

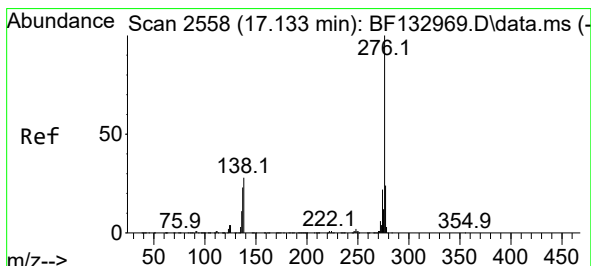
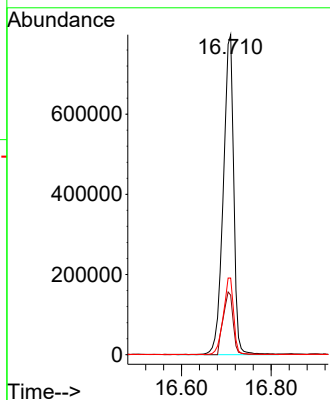
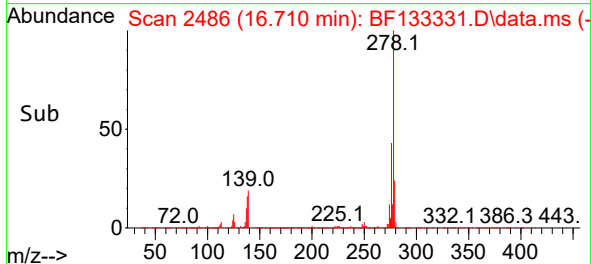
Instrument :
BNA_F
ClientSampleId :
SB-04_0-2_20230509MS



Tgt Ion:278 Resp: 128661
Ion Ratio Lower Upper
278 100
139 18.6 16.6 24.8
279 24.0 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#92
Benzo(g,h,i)perylene
Concen: 59.973 ng
RT: 17.110 min Scan# 2554
Delta R.T. 0.024 min
Lab File: BF133331.D
Acq: 10 May 2023 15:26

Tgt Ion:276 Resp: 1299045
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 26.6 22.7 34.1

